

October 21, 2004

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Jonah Federal 13-14-9-16, 14-14-9-16, 16-14-9-16 and Federal 4-5-9-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

PECEIVED
OCT 2 5 2004
DIV. OF OIL, GAS & MINING

Form 3160-3 (September 2001)	FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004				
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.				
BUREAU OF LAND MANAG	UTU-096547	UTU-096547			
0.0.1 APPLICATION FOR PERMIT TO DE	RILL OR REENTER		6. If Indian, Allottee or Tribe	Name	
V V I			N/A		
la. Type of Work: 🖾 DRILL 🚨 REENTER	3		7. If Unit or CA Agreement, N	Name and No.	
	_		8. Lease Name and Well No.	<u> </u>	
1b. Type of Well: Oil Well Gas Well Other	Single Zone Multi	ole Zone	Jonah Federal 16-14-9	-16	
2. Name of Operator			9. API Well No.	_	
Newfield Production Company				3-32698	
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Explorate	ory	
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte		
4. Location of Well (Report location clearly and in accordance with			11. Sec., T., R., M., or Blk. and	Survey or Area	
At surface SE/SE 657' FSL 758' FEL 578575	× 40.025507		 SE/SE Sec. 14. T9S F	3465	
At proposed prod. zone 443078	4Y -110.07916	9	SE/SE Sec. 14, T9S F	K.10E	
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State	
Approximatley 18.5 miles southwest of Myton, Utah			Duchesne	UT	
 Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) Approx. 657' f/lse, 657' f/unit 	16. No. of Acres in lease 600.00	17. Spacin	ng Unit dedicated to this well 40 Acres		
(Amos to hours of diff. and hills, it diff)			BIA Bond No. on file		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,385'	19. Proposed Depth 5880'		4488944		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration		
5626' GL	1st Quarter 2005		Approximately seven (7) days from spud to rig release.		
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	re Oil and Gas Order No.1, shall be att	ached to this	s form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	4. Bond to cover the Item 20 above). Lands the 5. Operator certification in the Item 20 above.	ne operation ation. specific info	ns unless covered by an existing prmation and/or plans as may be		
25. Signature Janche Crozin	Name (Printed/Typed) Mandie Crozier		Date	Halier	
Regulator Specialist			1		
	Name (Printed/Typed) RADLEY G. HILL		Date	21-04	
Title	RONMENTAL SCIENTIST I	11			
Application approval does not warrant or certify the the applicant holds le	gal or equitable title to those rights in	the subject l	ease which would entitle the appl	icant to conduct	

*(Instructions on reverse)

Conditions of approval, if any, are attached.

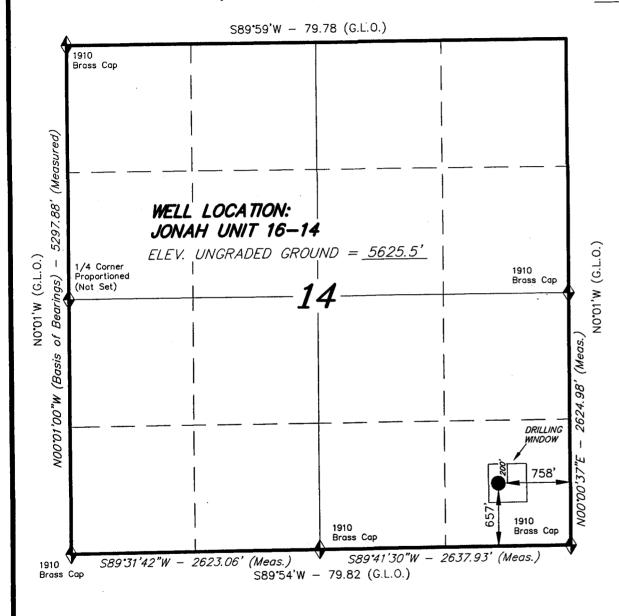
operations thereon.

Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval of the Federal Approval of the Federal Option (Federal Approval Option (Fed

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
OCT 2 5 2004
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 16-14, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 14, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD HOTE OF ACTUM SURVEYS MADE BY ME OR UNDER MY SUPPRESSION AND THAT THE SAME ARE TRUE AND SORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEF. No. 189377

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 7-6-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY JONAH FEDERAL #16-14-9-16 SE/SE SECTION 14, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' – 1640' Green River 1880' Wasatch 5880'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1880' - 5880' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY JONAH FEDERAL #16-14-9-16 SE/SE SECTION 14, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal #16-14-9-16 located in the SE 1/4 SE 1/4 Section 14, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 12.6 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly and then southwesterly -2.4 miles \pm to it's junction with an existing road to the southt; proceed southerly -1.9 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road -1.2 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 1/8/04. See attached report cover pages, Exhibit "D".

For the Jonah Federal #16-14-9-16 Newfield Production Company requests 350' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 350' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 1,220' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Possible Rapture nest – Dixie Sadler to advise.

Reserve Pit Liner

A 12 mil liner will be used at the operators discretion. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Black SageArtemisia Nova1 lbs/acreShadscaleAtriplex Confertifolia4 lbs/acreNeedle and Thread GrassStipa Comata4 lbs/acreGreen Molly Summer CyressKochia American3 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal #16-14-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Brad Mecham

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-14-9-16 SE/SE Section 14, Township 9S, Range 16E: Lease UTU-096547 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

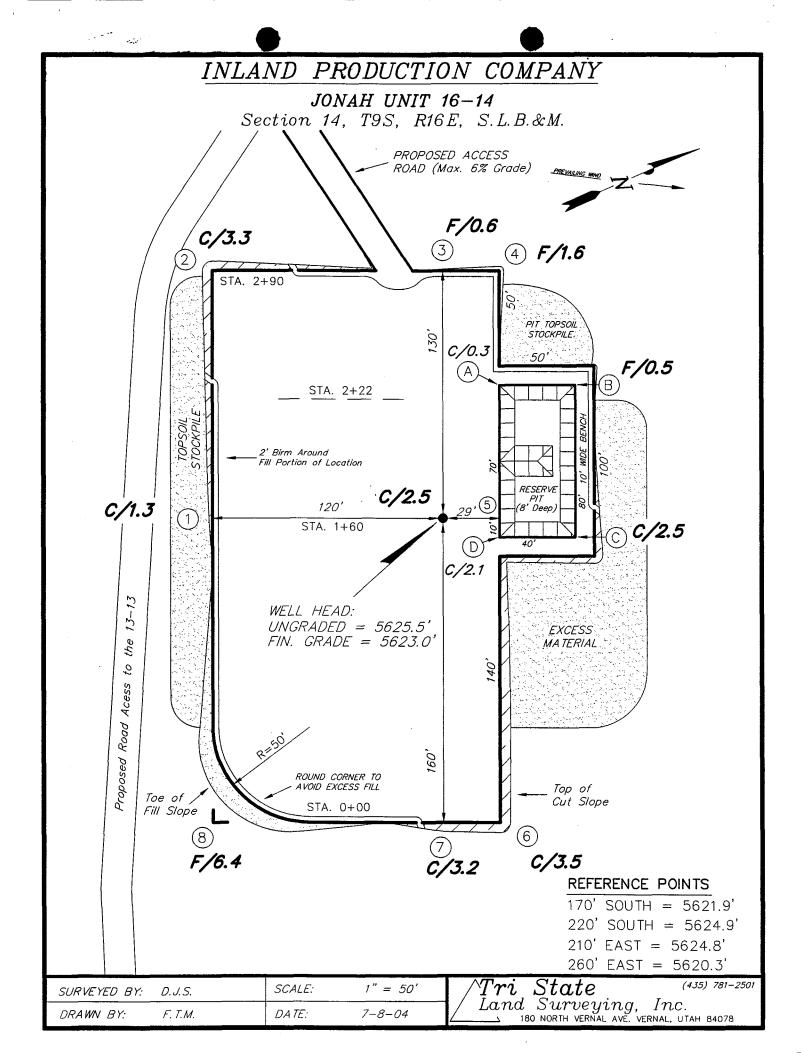
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

ate

Mandie Crozier

Regulatory Specialist

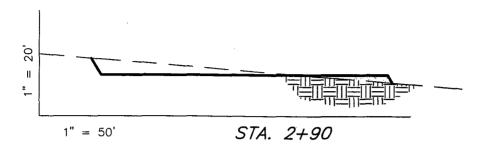
Newfield Production Company

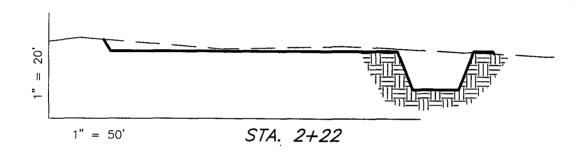


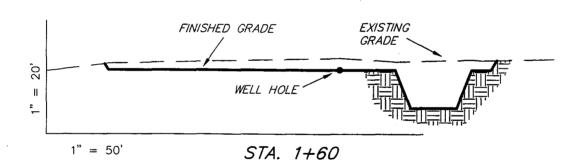
INLAND PRODUCTION COMPANY

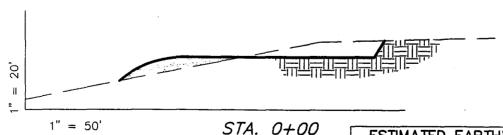
CROSS SECTIONS

JONAH UNIT 16-14









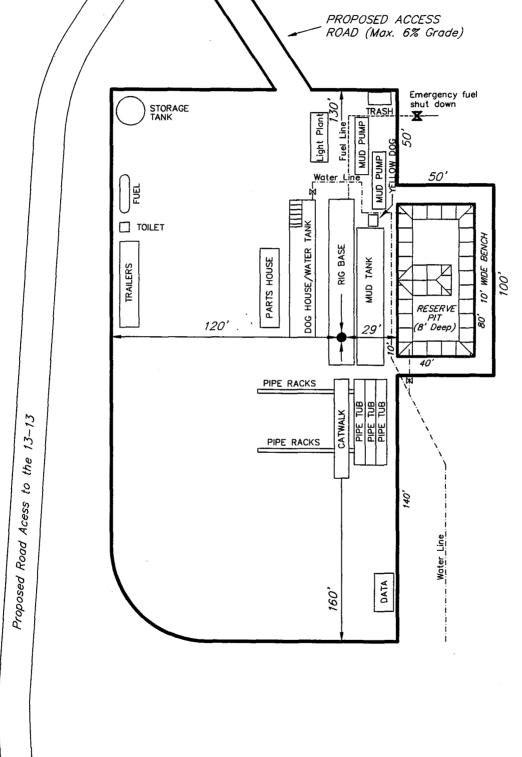
NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

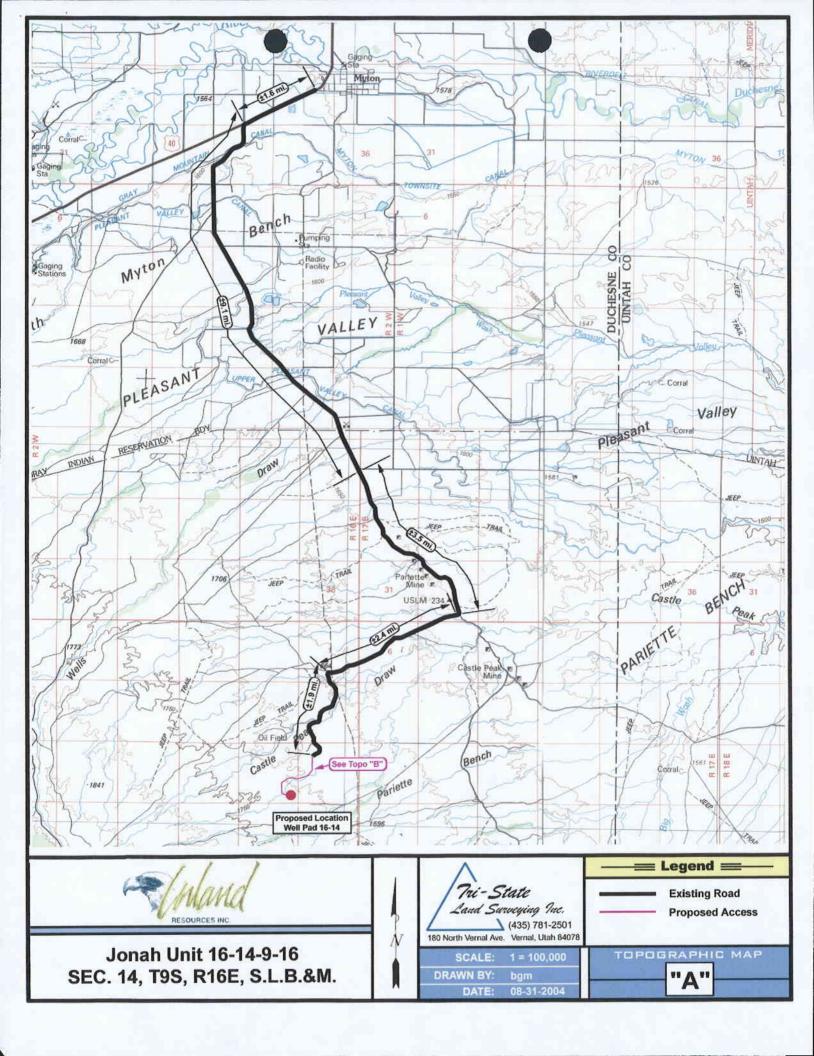
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,250	1,250	Topsoil is	0
PIT	640	0	in Pad Cut	640
TOTALS	1,890	1,250	890	640

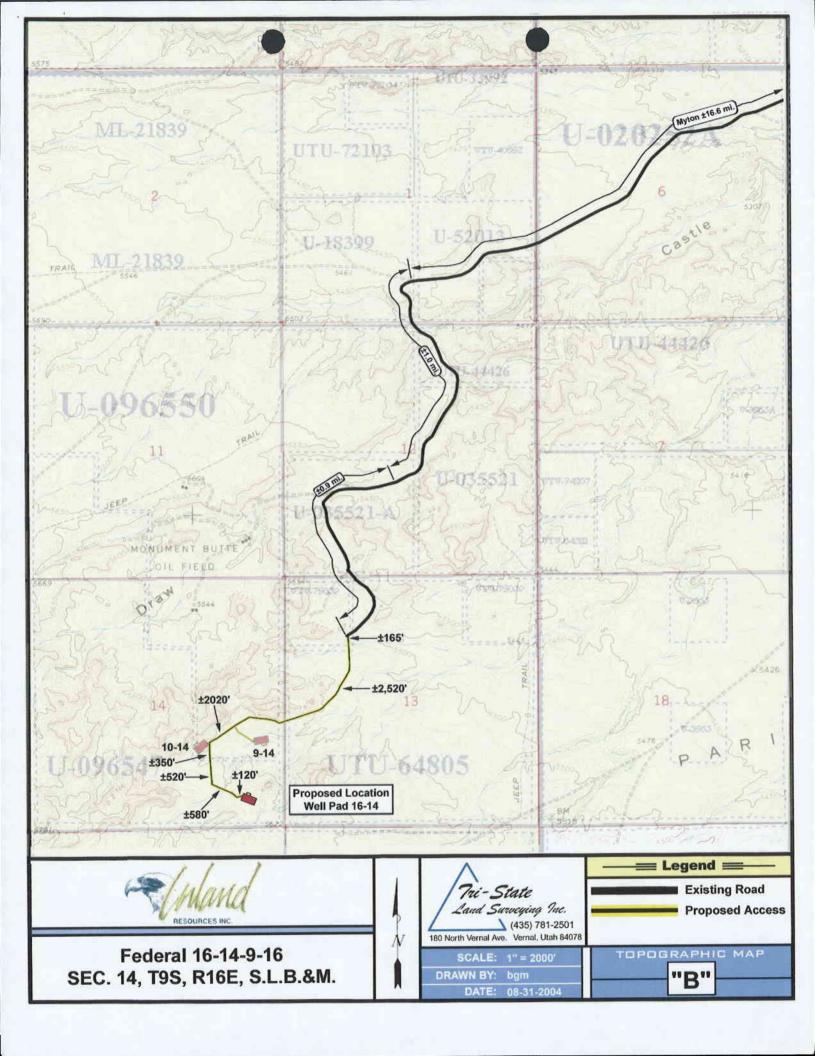
SURVEYED BY: D.J.S.	SCALE:	1" = 50'	/Tri State (435) 781-250
DRAWN BY: F.T.M.	DATE:	7-8-04	Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

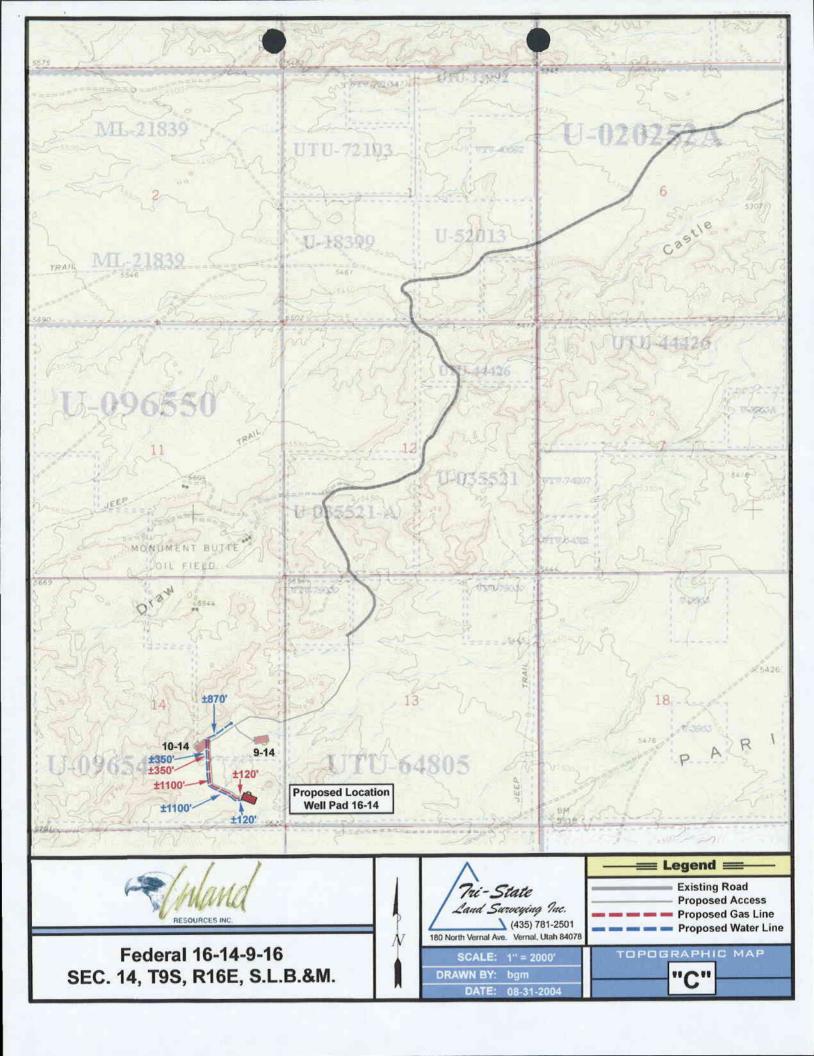
INLAND PRODUCTION COMPANY TYPICAL RIG LAYOUT JONAH UNIT 16-14 PROPOSED ACCESS ROAD (Max. 6% Grade)



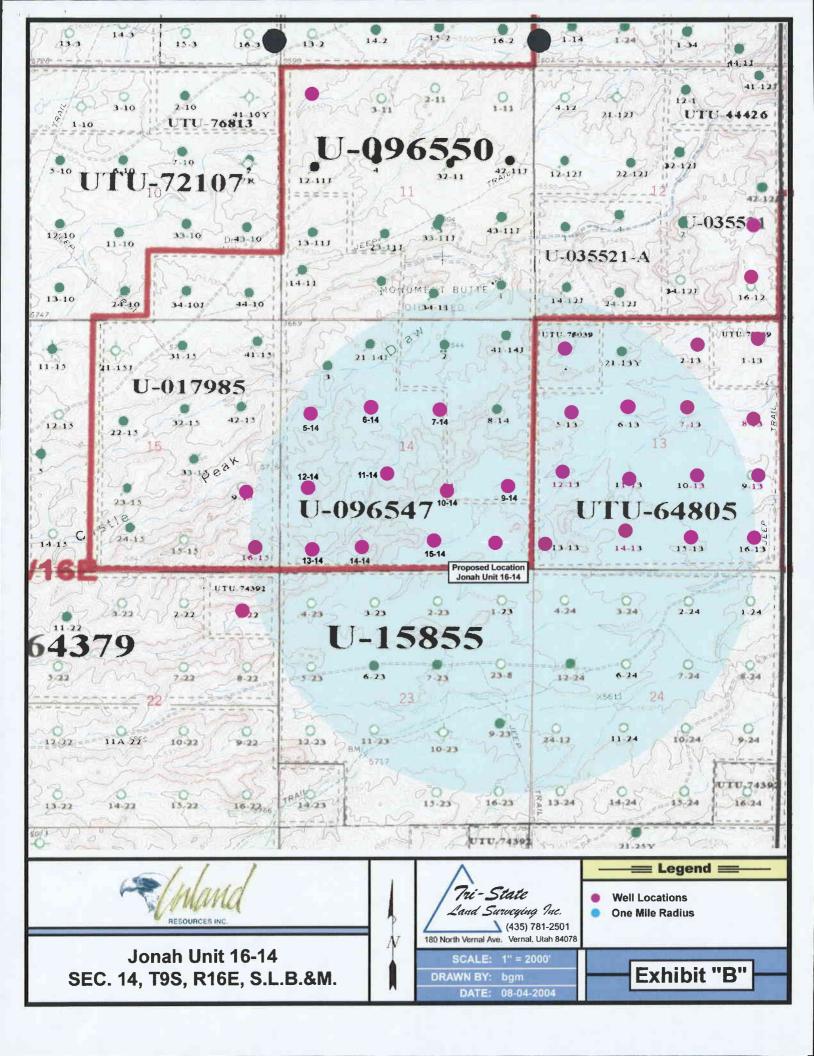
SURVEYED BY: D.J.S. SCALE: 1" = 50' Tri~State (435) 781-2501 DRAWN BY: F.T.M. DATE: 7-8-04 Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



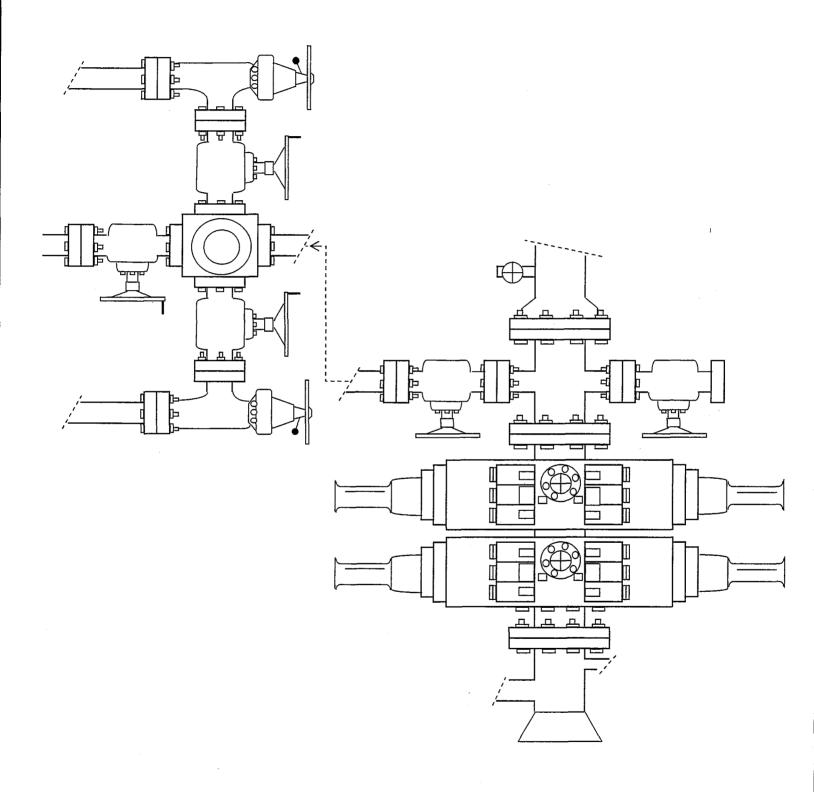




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EXHIBIL C



2-M SYSTEMBlowout Prevention Equipment Systems

● Exhibit "D"

Page 1 & 4

CULTURAL RESOURCE INVENTORY OF INLAND RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 &14) NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon and Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Inland Resources Route 3 Box 3630 Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

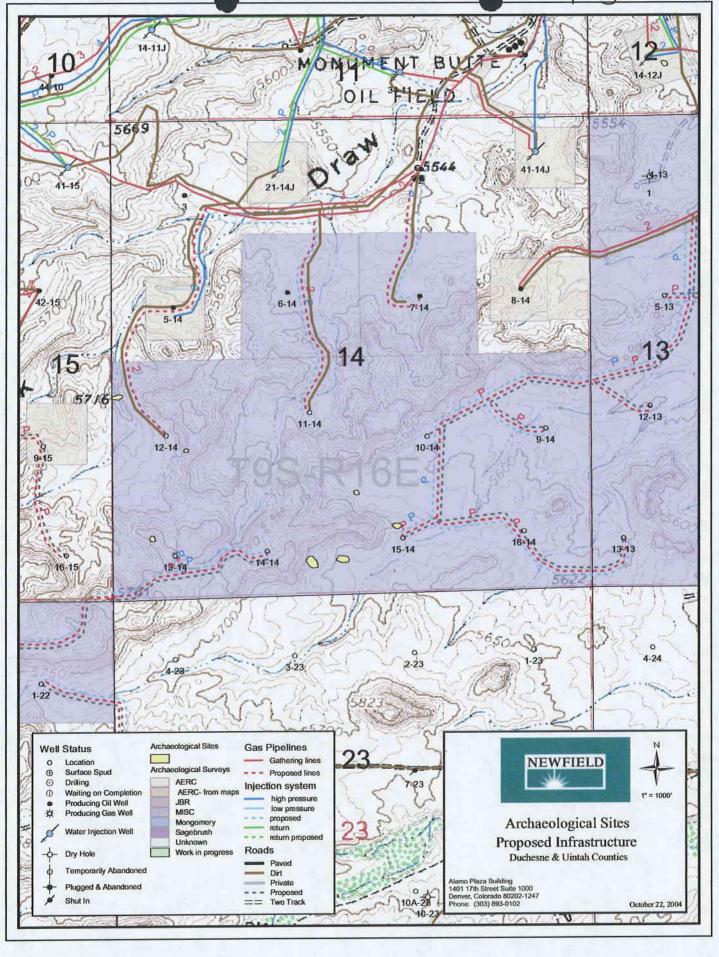
MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-04-MQ-0328b

Page 2 of 4



page 3 of L

INLAND RESOURCES, INC.

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

(NE 1/4, SE 1/4, Sec. 10, T 9 S, R 17 E; SE 1/4, NW 1/4 & SW 1/4, NE 1/4, Sec. 29, T 8 S, R 17 E; South ½ Sec. 14 T 9 S, R 16 E; and NW 1/4, Sec. 13, T 9 S, R 16 E)

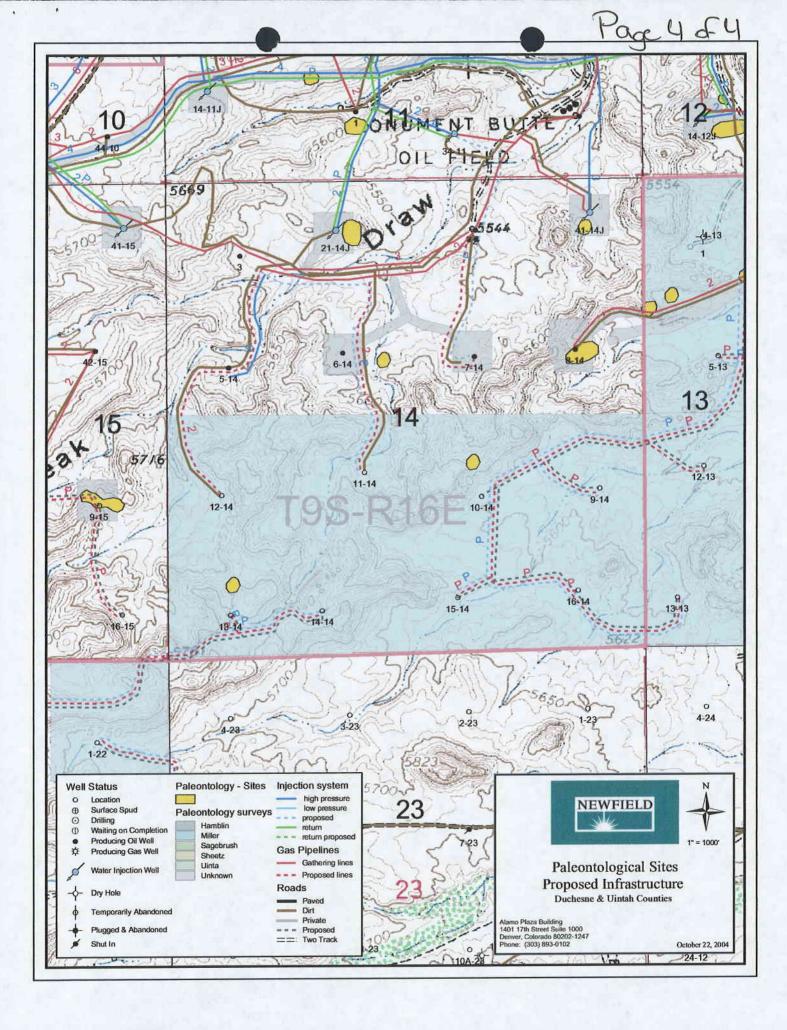
REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

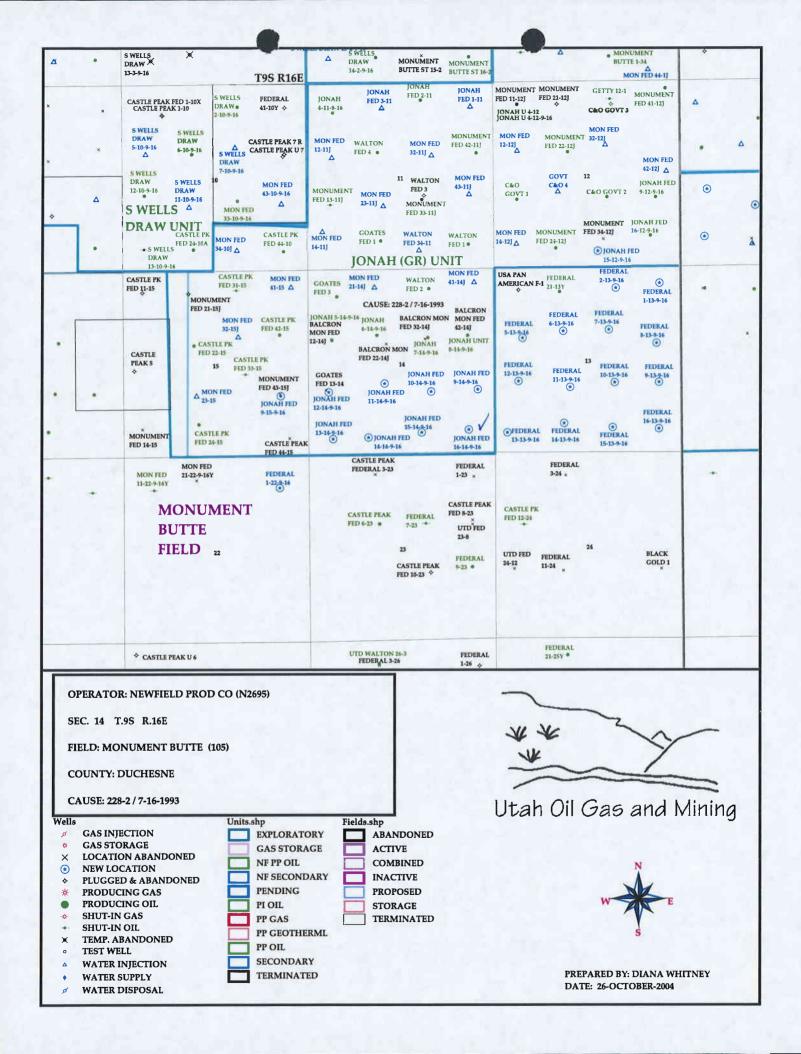
Prepared by:

Wade E. Miller Consulting Paleontologist January 8, 2004



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/25/2004	API NO. ASSIGNED: 43-013-32698
WELL NAME: JONAH FED 16-14-9-16 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER PROPOSED LOCATION:	PHONE NUMBER: 435-646-3721 INSPECT LOCATN BY: / /
SESE 14 090S 160E SURFACE: 0657 FSL 0758 FEL	ļ
BOTTOM: 0657 FSL 0758 FEL	Tech Review Initials Date
DUCHESNE	Engineering
MONUMENT BUTTE (105)	Geology
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-096547	Surface
SURFACE OWNER: 1 - Federal PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO	LATITUDE: 40.02551 LONGITUDE: -110.0792
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. 4488944) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) LIM Fee Surf Agreement (Y/N)	LOCATION AND SITING: R649-2-3. Unit JONAH (GREEN RIVER) R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: J.G.J Eff Date: T.H.1993 Siting: Heb'fru barg £ 920' fr Diver Wells R649-3-11. Directional Drill
COMMENTS: S.D. S.	ervoke Files
stipulations: 1- Codeso	() apprivat



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

November 1, 2004

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2004 Plan of Development Jonah Unit, Duchesne

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Jonah Unit, Duchesne County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Green River)

43-013-32696 Jonah Federal 13-14-9-16 Sec 14 T09S R16E 0484 FSL 0688 FWL 43-013-32697 Jonah Federal 14-14-9-16 Sec 14 T09S R16E 0507 FSL 1684 FWL 43-013-32698 Jonah Federal 16-14-9-16 Sec 14 T09S R16E 0657 FSL 0758 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Jonah Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:11-1-04



State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER

Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

November 1, 2004

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re:

Jonah Federal 16-14-9-16 Well, 657' FSL, 758' FEL, SE SE, Sec. 14,

T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32698.

Sincerely,

John R. Baza
Associate Director

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company				
Well Name & Number	Jonah Fo	ederal 16-14-9-16	· · · · · · · · · · · · · · · · · · ·		
API Number:	43-013-	32698			
Lease:	06547				
Location: SESE	Sec. 14	T. 9 South	R. <u>16 East</u>		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

FORM APPROVED Form 3160-3 OMB No. 1004-0136 Expires January 31, 2004 (September 2001) **UNITED STATES** 5. Lease Serial No. DEPARTMENT OF THE INTERIOR UTU-096547 BUREAU OF LAND MANAGEMENT 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. 1a. Type of Work: I DRILL REENTER 8. Lease Name and Well No. ☑ Oil Well ☐ Gas Well ☐ Other Single Zone ☐ Multiple Zone lb. Type of Well: Jonah Federal 16-14-9-16 2. Name of Operator 9. API Well No. Newfield Production Company 43-013-32698 3a. Address 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory (435) 646-3721 Monument Butte Route #3 Box 3630, Myton UT 84052 11. Sec., T., R., M., or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements.*) At surface SE/SE 657' FSL 758' FEL Sec. 14, T9S R16E SE/SE At proposed prod. zone 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office* UT Duchesne Approximatley 18.5 miles southwest of Myton, Utah 15. Distance from proposed* 16. No. of Acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. 40 Acres (Also to nearest drig. unit line, if any) Approx. 657' f/lse, 657' f/unit 600.00 20. BLM/BIA Bond No. on file 18. Distance from proposed location* to nearest well, drilling, completed, 19. Proposed Depth Approx. 1,385' applied for, on this lease, ft. 5880 #4488944 22. Approximate date work will start* 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 23. Estimated duration 5626' GL 1st Quarter 2005 Approximately seven (7) days from soud to rig release. 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: Bond to cover the operations unless covered by an existing bond on file (see 1. Well plat certified by a registered surveyor. Item 20 above). 2. A Drilling Plan. Operator certification. 3. A Surface Use Plan (if the location is on National Forest System Lands, the Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office). authorized officer. 25. Signature Name (Printed/Typed) Mandie Crozier Title Regulatory Specialist Name (Printed/Typed) Office

Mineral Resources

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

SEP 1 4 2005

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

No NOS

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Operator/Company:

Newfield Production Co.

Well Name/Number:

Federal 16-14- 9-16

API Number:

43-013-32698

Location:

<u>SESE</u> Sec. <u>14</u> T. <u>9S</u> R. <u>16E</u>

Lease Number:

UTU-096547

Agreement Name (If Applicable): <u>N/A</u>

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood

(435) 828-7874

Petroleum Engineer

Michael Lee

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

No additional Surface COAs.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY						
Well Name:	JONAH FED 1	6-14-9-16	· · · · · · · · · · · · · · · · · · ·			
Api No: 43-013	-32698	Lease Type:	FEDERAL			
Section 14 Townsh	nip <u>09S</u> Range <u>16E</u>	_CountyD	UCHESNE			
Drilling Contractor	ROSS DRILLING	RIG #	24			
SPUDDED:						
Date	10/15/05					
Time	10:00 AM					
How	DRY					
Drilling will Comi	mence:					
Reported by	JUSTIN CRUM					
Telephone #	1-435-823-6733		****			
Date 10/17/05	Signed CHI)				

RECEIVED

OCT 1 9 2005

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 8680

MYTON, UT 84052

OPERATOR ACCT. NO.

N2695

STATE OF UTAH DIVISION OF OIL, GAS AND MINING **ENTITY ACTION FORM - FORM 6**

DIV. OF OIL, GAS & MINING

····											
CCCE	CLARENT EVITTY NO.	EMITTY NO.	AH KUMBER	WELLNAME			WELLLO			SPUD	EFFECTIVE
202	C181111 14C2	EMITTAD.			90	sc	41	RE	COUNTY	CATE	DATE
	99999	14844	43-047-36014	FEDERAL 10-13-9-17	NWSE	13	98	17E	HATMIU	10/12/05	10/20/05
el i com	NEN12:	GRRU									
	CLASSIC EVIITY NO.	HEA BIBITY NO.	APINUMBER	WELL HAME	go	SC W	ELL LOCATION TP			SPUD	EFFECTIVE DATE
	99999	14995	43-013-32659	FEDERAL 2-13-9-16	NWNE	13	95	16E	DUCHESNE	10/13/05	10/20/05
	GRK							102	DOG! RUNE.	10/10/00	- J
	CURRENT ENTITY NO.	HEW	API NUMBER	WEIL HAVE				CATION		SPUD	EFFECTIVE
	6.4111 T.MJ.	SHTITYNO.			qq	<u>sc</u>	JP .	RG	COUNTY	DATE	
в	99999	14844	43-047-36011	FEDERAL 16-13-9-17	SESE	13	98	17E	UINTAH	10/14/05	10/20/05
	GR	rev									- J
	CURRENT	KEW	API HLYBER	WELL NAME				CATION		SPUD	EFFECTIVE
:DE	ENTITY HO.	ENTITY VO.			00	€C.	47	RG	COUNTY	DATE	CATE
в	99999	11492	43-013-32698	JONAH FEDERAL 16-14-9-15	SESE	14	98	16E	DUCHESNE	10/14/05	10/20/05
1	GRR	\mathcal{U}									- <i>J</i>
1041	CURRENT	NEW	AFFAUMBER	WELL NAME	1		WELLL	CATION	1	SPUD	EFFECTIVE
DE	ENTITY NO.	ENTIEYNO.	· · · · · · · · · · · · · · · · · · ·		GO	SC SC	ĨΡ	383	COUNTY	DATE	DATE
	99999	14844	43-047-35703	FEDERAL 3-13-9-17	NENW	13	98	17E	UIINTAH	10/17/05	10/20/05
l Scorii	MENTS: G	RRV		Sundance							J
	CURRENT	'YEK	API NUMBER	WELL HAME			WELL I	OCATION .		SFUD	EFFECTIVE
	99999 99999	14844 V	43-047-35701	FEDEDA: 7.12.0.17	QQ	≅c 13	qT CC	ATC	COUNTY	DATE	DATE
		1 11011	ועונטיזויטי	FEDERAL 7-13-9-17	SWNE	13	98	17E	HATMU	10/18/05	10/20/05
L S COM	venis (FRED	<u>ک</u> ر	indance							- J
CH COD	ES (See inslant)	ons on Dack of fema)	· · · · · · · · · · · · · · · · · · ·								

- A · Establish rom strilly for new well (single unit only)
- B. Address well o existing actify (group or will well)
- C Re-assign web from one existing entity to excitor adulting entity
- D- Re-assign well from some existing entity to a new entity
- E- Other (esplain in convincely declica)

Signature (C1)VI Curry

Production Clerk
Tile October 19, 2006

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	uary 31,2004

5. Lease	Serial No.	

1	TT	m	96	547

6. If Indian, Allottee or Tribe Name.

abandoned w	eii. Use Form 3160-3 (AP)	וסו (ע	uch proposal	s. 		_			
1. Type of Well							7. If Unit or CA/Agreement, Name and/or No. JONAH UNIT 8. Well Name and No.		
Name of Operator Newfield Production Company						JONAH FEDER	AL 16-14-9-16		
3a. Address Route 3 Box 3630 Myton, UT 84052		3b. Phon 435.646.	e No. (include ar	e code)		9. API Well No. 4301332698 10. Field and Pool	, or Exploratory Area		
4. Location of Well (Footage, Sec 657 FSL 758 FEL	., T., R., M., or Survey Description	n)				Monument Butte 11. County or Parish, State			
SE/SE Section 14 T9S R1	6E					Duchesne,UT			
12. CHECK	APPROPRIATE BOX(ES	71 OT (8	NIDICATE NA	TUR	E OF NO	TICE, OR OT	HER DATA		
TYPE OF SUBMISSION			TYP	E OF	ACTION				
☐ Notice of Intent ☑ Subsequent Report ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injector	Alter Casing Fracture Treat Reclama Casing Repair New Construction Recomp Change Plans Plug & Abandon Tempora					Water Shut-Off Well Integrity Other Spud Notice		
under which the work will be perform involved operations. If the operation	n 10/16/05 cement with 16	ith BLM/B completion reclamation 1. Drill 30 osks of	IA. Required subset in a new interval, a , have been complet 03' of 12 1/4" !	quent reproperty form 31 and 1 and 1	ports shall be 60-4 shall be the operator h	filed within 30 days f filed once testing has as determined that the st. TIH W/ 7 Jt's	iollowing completion of the been completed. Final e site is ready for final		
	Accepte Utah Div Oil, Gas a FOR REC	ud IAI	11 111 12			· .			
I hereby certify that the foregoing is Name (Printed/ Typed) Justin Crum	true and correct		Title Drilling Foreman						
Signature	·) (//	ノー	Date 10/21/2005						
- January Company	THIS SPACE FO	(C) FED)		ATE	OFFICE	UMB TOTAL	的一个时间		
Approved by	and Americal of this said days		Title			Date			
Conditions of approval, if any, are attach- certify that the applicant holds legal or ec which would entitle the applicant to cond	quitable title to those rights in the subje		Office		***				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent				willfully	to make to a	ny department or ager	ncy of the United		
(Instructions on reverse)						RECE	IVED TO		

OCT 2 4 2005

NEWFILD PRODUCTION COMPANY - CASING & CEMENT REPORT

			8 5/8	CASING SET	AT	310.02	-		
LAST CASIN	IG <u>8 5/8</u> "	SET A	310.02	:	OPERATOR	₹	Newfield F	, Production (Company
DATUM							Jonah 16-		
DATUM TO	CUT OFF CA	ASING			FIELD/PRO	SPECT	Monumen	t Butte	
DATUM TO	BRADENHE	AD FLANGE			CONTRACT	OR & RIG#		Ross Rig #	24
TD.DRILLER	303	LOGG!	ER						
HOLE SIZE	12 1/4								
LOG OF CA	SING STRIN	G:							
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
					<u> </u>			-	
			·						7
		Shoe	Joint 38.76'						
		WHI - 92 cs	g head				8rd	Α	0.95
7	8 5/8"	Maverick ST			24#	J-55	8rd	Α	302.62
		<u> </u>	GUIDE	shoe		<u> </u>	8rd	Α	0.9
CASING INVENTORY BAL. FEET JTS			TOTAL LENGTH OF STRING 300.						
TOTAL LENGTH OF STRING 300.02 7		7	LESS CUT OFF PIECE						
LESS NON CSG. ITEMS 1.85				PLUS DATUM TO T/CUT OFF CSG					
PLUS FULL JTS. LEFT OUT 0				CASING SET DEPTH 310.0					
	TOTAL		298.17	7	<u>ا</u> ر				
TOTAL CSG	DEL. (W/O	THRDS)	298.17	7	COMPAR	RE			
TIMING			1ST STAGE						
BEGIN RUN	CSG.	Spud	10/14/2005		GOOD CIRC	THRU JOE	3 <u></u>	Yes	
CSG. IN HO	E		10/14/2005		Bbis CMT C	IRC TO SUF	RFACE	4	
BEGIN CIRC	·		9/29/2005		RECIPROC	ATED PIPE	FOR	_THRU	FT STROKE
BEGIN PUM	PCMT		9/29/2005						
BEGIN DSPI	CMT		9/29/2005		BUMPED PI	LUG TO _	100		PSI
PLUG DOW	<u> </u>		9/29/2005	<u> </u>	<u> </u>			·····	
CEMENT US	ED			CEMENT CO	MPANY-	B. J.			
STAGE	# SX			CEMENT TYPE	PE & ADDITIN	/ES			· · · · · · · · · · · · · · · · · · ·
1	160	Class "G" w	/ 2% CaCL2 +	1/4#/sk Cello-l	Flake mixed @	2) 15.8 ppg 1	.17 cf/sk yiel	d	
		<u></u>							
CENTRALIZ	ER & SCRA	CHER PLAC	CEMENT			SHOW MAK	(E & SPACIN	IG	
Centralizers	- Middle fi	rst, top seco	nd & third for	. 3					
						· · · · · · · · · · · · · · · · · · ·		 	
				·					

DATE <u>10/17/2005</u>

COMPANY REPRESENTATIVE Justin Crum

FORM 3160-5 (September 2001)

UNITL STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

BUREAU OF LAND MANAGEMENT					5. Lease Serial No.		
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an					UTU096547		
	abandoned well. Use Form 3160-3 (APD) for such proposals.						
	nigge Congression			7. If Unit or CA/A	Agreement, Name and/or No.		
1. Type of Well		e en am Landersteil et de 1888 et au 2000 et a		JONAH UNIT	<u> </u>		
Oil Well Gas Well	Other			8. Well Name and	i No.		
Name of Operator Newfield Production Company					RAL 16-14-9-16		
3a. Address Route 3 Box 3630		3b. Phone No. (incl	ude are code)	9. API Well No. 4301332698			
Myton, UT 84052		435.646,3721			l, or Exploratory Area		
4. Location of Well (Footage, Sec	., T., R., M., or Survey Description	n)		Monument Butt			
657 FSL 758 FEL				11. County or Par	11. County or Parish, State		
SE/SE Section 14 T9S R1	6E			Duchesne,UT			
12. CHECK	APPROPRIATE BOX(ES	S) TO INIDICAT	E NATURE OF	NOTICE, OR OT	THER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION	ON			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat		action(Start/Resume)	☐ Water Shut-Off ☐ Well Integrity		
■ Subsequent Report	Casing Repair	☐ New Construct		mplete	Other		
_	Change Plans	Plug & Abande	n 🔲 Temp	orarily Abandon	Weekly Status Report		
☐ Final Abandonment Notice	Convert to Injector	Plug Back	Water	r Disposal			
csgn to 1,500 psi. Vernal B cement & shoe. Drill a 7.87 Dig/SP/GR log's TD to surfa	ace. PU & TIH with Guide s ement mixed @ 11.0 ppg &	M office was noting depth of 5815'. It hoe, shoe jt, float 3.43 yld. The 45	fed of test. PU B ay down drill str collar, 130 jt's c 0 sks cement mi	BHA and tag cementing & BHA. Open to of 5.5 J-55, 15.5# c ixed @ 14.4 ppg &	nt @ 270'. Drill out nole log w/ sgn. Set @ 5803' / 1.24 yld. Returned		
I hereby certify that the foregoing is	true and correct	Title			-		
Name (Printed/Typed) Justin Crum			Drilling Foreman				
Signature	2 (441112)	Date 10/23/200	<u> </u>				
	CENTURAL COMP	yangang.					
Approved by			Title	Date	A		
Conditions of approval, if any, are attach	• •	artant or		Į Dati			
certify that the applicant holds legal or ed which would entitle the applicant to cond		ct lease	Office				
Title 18 U.S.C. Section 1001 and Title 43		for any person knowing	ly and willfully to mak	te to any department or age	ency of the United		
States any false, fictitious and fraudulent				PEWED	·		
(Instructions on reverse)					JEIVED		

OCT 2 5 2005

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

		. 1	5 1/2"	CASING SET	AT	5803.67				
						5760.15	•			
LAST CASIN	IG 8 5/8"	SET	AT 310'					Production	Company	
DATUM						Jonah Fed				
DATUM TO	CUT OFF CA	ASING	12'			SPECT _				
DATUM TO	BRADENHE	AD FLANGE				OR & RIG#				
TO DRILLER	5815'	LOGG	ER 5814'						-	
HOLE SIZE	7 7/8"									
LOG OF CAS	SING STRIN	G:			_					
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt							14	
		Short jt	3742 (6.32')							
129	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	Α	5746.15	
		Float collar							0.6	
1	5 1/2"	ETC LT&C	csg		15.5#	J-55	8rd	Α	44.27	
			GUIDE	shoe			8rd	Α	0.65	
CASING INV	ENTORY BA	AL.	FEET	JTS	TOTAL LEN	GTH OF ST	RING		5805.67	
TOTAL LENGTH OF STRING 5805.67 130			LESS CUT OFF PIECE							
LESS NON CSG. ITEMS 15.25				PLUS DATUM TO T/CUT OFF CSG						
PLUS FULL JTS. LEFT OUT 135.3 3		CASING SET DEPTH 5803.6								
	TOTAL 5925.72 133			lı						
TOTAL CSG	DEL. (W/O	THRDS)	5925.72	133	COMPARE					
TIMING			1ST STAGE	2nd STAGE						
BEGIN RUN	CSG.		10/22/2005	12:30 AM	GOOD CIRC	THRU JOB		Yes		
CSG. IN HOL	.E		10/22/2005	3:30 AM	Bbls CMT C	IRC TO SUR	FACE	Тгасе		
BEGIN CIRC			10/22/2005	3:30 AM	RECIPROCA	ATED PIPE F	OR	THRUSTRO	KE NA	
BEGIN PUM	PCMT		10/22/2005	4:40 AM	DID BACK F	PRES. VALVI	E HOLD ?	Yes		
BEGIN DSPL	CMT		10/22/2005	5:47 AM	BUMPED PL	LUG TO	1671		PSI	
PLUG DOWN	١		10/22/2005	6:13 AM						
CEMENT US	ED			CEMENT COM	MPANY-	B. J.				
STAGE	# SX		_	CEMENT TYP	E & ADDITIV	/ES				
1	300	Premlite II w	/ 10% gel + 3	% KCL, 3#'s /s	k CSE + 2# s	k/kolseal + 1	/4#'s/sk Cel	lo Flake		
		mixed @ 11	.0 ppg W / 3.43	3 cf/sk yield		_				
2	425	50/50 poz V	V/ 2% Gel + 3%	KCL, .5%EC1	,1/4# sk C.F.	2% gel. 3%	SM mixed @	0 14.4 ppg W	/ 1.24 YLD	
CENTRALIZI	ER & SCRAT	TCHER PLAC	CEMENT			SHOW MAK	E & SPACIN	1G		
Centralizers	- Middle fir	st, top seco	ond & third. Th	en every third	collar for a	total of 20.				

COMPANY REPRESENTATIVE Justin Crum

RECEIVED

OCT 2 5 2005

DATE 10/22/2005

ORM 3160-5 (September 2001)

inspection.)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

Lease Serial No.

UTU096547

SUNDRY N Do not use this abandoned well	UTU096547 6. If Indian, Allottee or Tribe Name.				
SUBMIT IN TR	7. If Unit or CA/Agreement, Name and/or No. JONAH UNIT				
Type of Well X Oil Well Gas Well Name of Operator Newfield Production Company	Other			8. Well Name and JONAH FEDER. 9. API Well No.	
a. Address Route 3 Box 3630 Myton, UT 84052 Location of Well (Footage, Sec.,	3b. Phone No. (include are a 435.646.3721 on)	code)	4301332698 10. Field and Pool, or Exploratory Area Monument Butte 11. County or Parish, State		
657 FSL 758 FEL SE/SE Section 14 T9S R16			TURE OF N	Duchesne,UT	
	APPROPRIATE BOX(E	S) TO INIDICATE NA	E OF ACTION	01102, 11	
TYPE OF SUBMISSION					Water Shut-Off
Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injector	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Reclama Recompl Tempora Water D	ete rily Abandon isposal	Well Integrity Other
13. Describe Proposed or Completed C proposal is to deepen directionally	peration (clearly state all pertinent do or recomplete horizontally, give subsormed or provide the Bond No. on file on results in a multiple completion or d only after all requirements, including	with BLM/BIA. Required subsec	quent reports shan	1 . Elad once testing !	as been completed. Final

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

I hereby certify that the foregoing is true and correct Name (Printed Typed) Mandie Crozier Signature CHIS SPACE FOR FE	Title Regulatory Specialist Date 11/15/2005 DERAL OR STATE OFFICE	Ł USE
	Title	Date
Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant of certify that the applicant holds legal or equitable title to those rights in the subject lease	r	
which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious and fraudulent statements or representations as to any matter	person knowingly and willfully to make t	to any RECEIVED Inited

(Instructions on reverse)

NOV 1 6 2005

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	nary 31 200

	DITECTIVED IN THE COLUMN	DA CDA COL		L	sapires variety 51,2004	-		
·	BUREAU OF LAND MANAG	EMENT		Lease Serial	No.			
SUNDRY	NOTICES AND REPOR	TS ON WELLS	V WELLS UTU096547					
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name.			
				.				
SUBMIT IN TI	RIPLICATE - Other Instri	uctions on reverse si	de	7. If Unit or CA	/Agreement, Name and/or No			
				JONAH UNIT				
1. Type of Well								
Oil Well Gas Well	Other			8. Well Name a	nd No.			
2. Name of Operator				JONAH FEDI	ERAL 16-14 - 9-16			
Newfield Production Company				9. API Well No.				
3a. Address Route 3 Box 3630		3b. Phone No. (include are	e code)	4301332698				
Myton, UT 84052		435.646.3721		10. Field and Po Monument Bu	ool, or Exploratory Area			
4. Location of Well (Footage, Sec	., T., R., M., or Survey Description,)						
657 FSL 758 FEL	CD.	~		11. County or P	ansn, state			
SE/SE Section 14 T9S R1	6E			Duchesne, UT				
12 OHEOR	A DDD ODD I A TE DOVES	TO DIDICATE M	TIDE OF N	OTTOE OD C	TUED DATA			
12. CHECK	APPROPRIATE BOX(ES) TO INIDICATE NA	ATORE OF IN	OTICE, OR C	THERDAIA			
TYPE OF SUBMISSION		TYP	E OF ACTION	ī		_		
	Acidize	Deepen	Production	on(Start/Resume)	Water Shut-Off			
X Notice of Intent	Alter Casing	Fracture Treat	Reclama	•	Well Integrity			
—	Casing Repair	New Construction	Recompl		X Other			
Subsequent Report	Change Plans	Plug & Abandon		rily Abandon	Variance			
Final Abandonment Notice	Convert to Injector	Plug Back	Water D	-				
	Convert to injector	I lug Dack	,, ator 15					
tanks to be equipped with I formation, which are relative separator to maximize gas Newfield is requesting a value a surge of gas when the thickness.	any is requesting a variance Enardo or equivalent vent lin rely low gas producers (20 m separation and sales. riance for safety reasons. Cu ief hatches are open. While of, under optimum conditions	e valves. Newfield op ofpd). The majority of rude oil production tar	erates wells t f the wells are aks equipped	hat produce fro equipped with with back pres	om the Green River a a three phase ssure devices will emit			
				All his control of cappy that	C. C			
				of the second second second second second	<u>.</u>			
				V SELUTIO OPEL	PATOR			
•			r inlic	-1/2	05			
	=				<u></u>			
•					7			
	· · · · · · · · · · · · · · · · · · ·		Yellow of the sales and	State of the second section of the section of the second section of the section of the second section of the secti	and the same of th			
I hereby certify that the foregoing is	s true and correct	Title						
Name (Printed/Typed) Mandie Crozier		Regulatory Spec	alist					
Signature 7		Date	····					
Signature	2 (10)	11/15/2005						
1 min	1 wien					*********		
	THIS/SPACE FOI	R FEDERAL OR ST						
		Accep	led by the	£				
Approved by		Ut <u>an</u> .L	ivision o	<u> D</u>	ate			
Conditions of approval, if any, are attack		errant or Oil, Gas	and Mini	n g	ederal Approval Of This			
certify that the applicant holds legal or e which would entitle the applicant to cond		Office	7105		Action Is Necessary			
Title 18 U.S.C. Section 1001 and Title 4		for any person knowingly and	wjllfully to make to	any department or	agency of the United			
States any false, fictitious and fraudulent	statements or representations as to any	matter within its prisolegion	(1) er	PECEL	VED			
(Instructions on reverse)		Dy			V			

NOV 1,6 2005

FORM 3160-5 (September 2001)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	uary 31,2004

_			
į.	Lease	Serial	No.

•	5. Lease Serial No.						
SUNDRY	/ NOTICES AND REPOI his form for proposals to	RTS ON WELL	.S		UTU096547	*	
abandoned w	6. If Indian, All	ottee or Tribe Nan	ne.				
SUBMIT IN T	RIPLICATE - Other Inst	ructions on rev	erse side		7. If Unit or CA	/Agreement, Nam	e and/or No.
1. Type of Well	_				JONAH UNIT		
Oil Well Gas Well	Other				8. Well Name at		
Name of Operator Newfield Production Company						ERAL 16-14-9-16	
3a. Address Route 3 Box 3630 Myton, UT 84052		3b. Phone No. (inc. 435.646.3721	lude are code	?)	9. API Well No. 4301332698	ool, or Exploratory	Aran
4. Location of Well (Footage, Sec	., T., R., M., or Survey Description				Monument Bu		Aica
657 FSL 758 FEL					11. County or Pa	arish, State	
SE/SE Section 14 T9S R1	6E				Duchesne,UT		
12. CHECK	APPROPRIATE BOX(ES	S) TO INIDICA	TE NATU	RE OF NO	OTICE, OR O	THER DATA	
TYPE OF SUBMISSION			TYPE OF	ACTION			
☐ Notice of Intent	Acidize Alter Casing	Deepen Treet		Production Reclamation	(Start/Resume)	Water Shu	
▼ Subsequent Report	Casing Repair	Fracture Treat New Construct	_	Recomple		☐ Well Integ ☑ Other	grity
Subsequent Report	Change Plans	Plug & Aband		•	ly Abandon	_	Status Report
Final Abandonment Notice	Convert to Injector	Plug Back	ō	Water Dis	-		
Status report for time period Subject well had completion the well. A cement bond look with 20/40 mesh sand. Peri (4942'-4954'),(4916'-4921') used between stages. Fract plugs were drilled out and was run in well on sucker re	n procedures intiated in the g was run and a total of four forated intervals are as follo ; Stage #4(4036'-4042'). All s were flowed back through vell was cleaned to 5744'. Z	Green River intows: Stage #1 (5 perforations, we chokes. A servitones were swal	ervals were 374'-5380') ere 4 JSPF ice rig was o tested for	e perforate); Stage #2 . Composi moved ov sand clea	ed and hydrau 2 (5122'-5132' te flow-throug er the well on inup. A new 1	ilically fracture '); Stage #3 gh frac plugs w 11-10-2005. E	treated ere Bridge
I hereby certify that the foregoing is	true and correct	Title					
Name (Printed/ Typed) Lana Nebeker) Production Clerk							
Signature (Mana)	Celes	Date 11/21/20	005				
V	THIS SPACE FO	R FEDERAL C	OR STATE	OFFICI	USE 🕒	模技术多点	
4			Tielo				
Approved by Conditions of approval, if any, are attach	ed. Approval of this notice does not w	arrant or	Title		IDs	ate	
certify that the applicant holds legal or ea	quitable title to those rights in the subje		Office				
which would entitle the applicant to cond Title 18 U.S.C. Section 1001 and Title 4:		for any nerson knowin	alv and willfull	ly to make to a	ny denartment or a	gency of the United	
States any false, fictitious and fraudulent				.,		CEIVE	D
(Instructions on reverse)					1 11		

(Instructions on reverse)

NOV 2 2 2005

FORM 3160-4 (July 1992)

(See other instructions ons reverse side)

SUBMIT IN DUPLICATE* FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

	_	BUREA	U OF	LAND N	IANAGEME	ENT	•				UTU-0	
WELL (COMPLE	TION C	OR RE	COMF	LETION	RE	PORT A	ND LOG*	6.	IF INDIAN. ?	allottee o N	R TRIBE NAME
la. TYPE OF WORK									7.	UNIT AGRE	EMENT NAN	
		OIL (X	GAS WELL	DRY		Other				Jonah	Unit
Ib. TYPE OF WELL									-	FARMORT	EASE NAME	WELL NO
NEW V	work 🔲	Γ		PLUG [DIFF				0.			
WELL X	OVER	DEEPEN		BACK	RESVR.		Other		- 0	Jona WELL NO.	h Federa	al 16-14-9-16
2. NAME OF OPERATOR		Nev	rfield F	xnloratio	on Compan	V			, ·	WELL NO.	43-013	-32698
3. ADDRESS AND TELEPI									. 10.		POOL OR W	
					Denver, CO				-		Monume M. OR BLO	CK AND SURVEY
4. LOCATION OF WEL At Surface	L (Report locat	ions clearly an 657'	FSL & 7	'58' FEL (S	SE/SE) Sec. 1	14, T	9S, R16E			OR AREA		
At top prod. Interval rep	orted below									S	ec. 14, T	9S, R16E
			ſ			-	DATE ISSUED			COUNTY O	D DADISH	13. STATE
At total depth			i	14. APENO. 43- C	13-32698	ļ		1/4/04			esne	ŪT
15. DATE SPUDDED	16. DATE T.D. R		17, DAT	E COMPL. (Re	eady to prod.)	1-	8. ELEVATIONS (D	F. RKB, RT, GR, ET	°C.)*	638' KE	1.	9. ELEV. CASINGHEAD
10/14/05 20. TOTAL DEPTH, MD &	<u> </u>	21/05 21. PLUG BACI	/ T.D. MD		22. IF MULTIP	PEF CC	5626	23. INTERVALS		Y TOOLS	·	CABLE TOOLS
20. TOTAL DEPTH, MD &	IVD	21. PLUG BACI	(1.D., MD	& 1 VI)	HOW MAN		2001 (DRILLED BY	1		1	
5815'			5758'					>		X		5. WAS DIRECTIONAL
24. PRODUCING INTERV	AL(S), OF THIS C	OMPLETION			ib and 190)* River 4036	3' 53	380']	SURVEY MADE
				Green	avei 4030) -00						No
26. TYPE ELECTRIC AND	OTHER LOGS R	UN		D 14 -	Camanana	ata c	d Moutron (CR Calinor	Comen	t Rond		7. WAS WELL CORED NO
Dual Induction	Guard, SF	, Compe	nsated	Density	C RECORD (Re	nort	all strings set in w	vell)	Cemen	it Borid	Log	110
23. CASING SIZE/C	GRADE	WEIGHT.		DEPTI	4 SET (MD)		HOLE SIZE	TOP OF CEM	MENT, CEME			AMOUNT PULLED
8-5/8" - J		247			310' 804'		12-1/4" 7-7/8"	To surface \				
5-1/2" - J	J-55	15.5	0#		004	-	1-110	300 3X 1 Telli	inte il alia	420 3x 00	700 1 02	
29.		LINE	R RECO	RD				30.		JBING RE		
SIZE	TOP (MD)	BOTTO	M (MD)	SACKS CEMEN	T.e	SCREEN (MD)	2-7/8"		PTH SET (M. EOT @	D}	PACKER SET (MD) TA @
								2 770		5458		5359'
31. PERFORATION REC	ORD (Interval, si	ze and number)		<u></u>		-	32.	ACID, SHOT,	FRACTUR	RE, CEME	NT SQUEE:	ZE, ETC. MATERIAL USED
	ERVAL		<u>SI</u>	<u>ze</u> ·6"	SPF/NUMBE 4/24	ER	5374'-					nd in 360 bbls fluid
		374'-5380" 122'-5132'		6"	4/40		5122'-					nd in 394 bbls fluid
(A3&1) 4	942'-4954', 4			.6"	4/68		4916'-		Frac w	/ 75,312#	20/40 sa	nd in 591 bbls fluid
(7.653.7)		036'-4042'	.4	6"	4/24		4036'-	4042'	Frac w	/ 25,272#	20/40 sa	nd in 301 bbls fluid
<u> </u>												
			V-9									
33.*					PROD							
DATE FIRST PRODUCTS		PRODUCTIO	N MIETHOU) (Flowing, gas	lift, pumpingsize a	md typ '₽F	e of pump) HAC SM Plu	ınger Pumn				ATUS (Producing or shut-m) RODUCING
11/14/0		RS TESTED	СПОК		PROD'N, FOR		-BBLS.	GASMCF.	WATER-	BBL.		GAS-OIL RATIO
					TEST PERIOD		11	22	ĺ	39		2000
30 day av		ING PRESSUR	CALC	LT _e xted	OIL-BBL.	<u> </u>	GASMCF.		WATER1		OII GRAVII	Y-API (CORR.)
11.000				UR RATE			1		I		REC	EIVED
34. DISPOSITION OF GA	S. S.d. most for fi	of yourd are t		>					T	EST WIFNES		The F V Land
34. DISPOSITION OF GA	.s (.sold, used for fi	er. vemed. etc.)	Sold	& Used	for Fuel						L'EC 2	2 2005
35. LIST OF ATTACHME	ENTS									עורו	عد مید	
36. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records												
36. Thereby certify that	une foregoing (1 July	2	CIC	11111		Reg	ulatory Spe	cialist		2711	12/21/2005
	ie Crozier									TO SERVE AND ASSESSMENT OF THE PERSONS ASSESSMENT ASSESSMENT OF THE PERSONS ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT AS	en der vicini de de la compa de) (
				See Instruc	tions and Space	es for	Additional Data	on Reverse Side	e)			

The PSC Section 1991, makes it a connector city person knowingly mades cody to make to my department or mency of the Lotter States any talke, fleations or financial statements or representations in following actions of the Connection of the Lotter States any talke, fleations or financial statements or representations in following the connection of the

NAME T	recoveries); FORMATION	TOP	воттом	DESCRIPTION, CONTENTS, ETC.		то	P
Well Name Garden Gulch Mkr 3468' Garden Gulch 1 3674'			BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME		TRUE VERT. DEP
Jonah Federal 16-14-9-16				Well Name	Garden Gulch Mkr		
Garden Gulch 2 Point 3 Mkr 4055' X Mkr 4300' Y-Mkr 4337' Douglas Creek Mkr 4458' BiCarbonate Mkr 4694' B Limestone Mkr Castle Peak 5318' Basal Carbonate 5748' Total Depth (LOGGERS) 5814'							
Point 3 Mkr					l i	3788'	
X Mkr						4055'	
Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS S814' 4458' 44694' 4804' 5318' 5748' 5748' Total Depth (LOGGERS						4300'	
BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS 5318' Total Depth (LOGGERS) 5814'					Y-Mkr	4337'	
B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS 5814'					Douglas Creek Mkr		
Castle Peak 5318' Basal Carbonate 5748' Total Depth (LOGGERS 5814'							
Basal Carbonate Total Depth (LOGGERS 5814'							
Total Depth (LOGGERS 5814'							
					Total Depth (LOGGERS	5814	
					·		
					·		
					1		1

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547
SUNDR	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: JONAH FED 16-14-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013326980000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		ONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 0758 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 4 Township: 09.0S Range: 16.0E Meridian:	S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
The subject well he injection well on 1 State of Utah DOG above listed well. Opsig and charted for injecting during the	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all plas been converted from a production of the p	ducing oil well to an aris Jensen with the ne initial MIT on the pressured up to 1005 oss. The well was not 240 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: January 07, 2013
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 1/7/2013	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

	433-0-1	0 0.1	
Witness:	EVERETT UNRUM	Date <u>13 30 13</u>	Time 10:40 m
Others Present:			
TOME FEE	DERNI 16-14-9-14	Field: Mon	ament Butte
i		ADING.	
Well Location: 5	ESE Sec 14 T95 RIGE Duchesne, County Ut	API NO: 43	- 0 13 - 32698
•	<u>Time</u>	Casing Pressure	•
	0 min	1005	psig
	5	1005	psig
	10	1005	psig
	15	1005	psig
	20	1005	psig
	25	1005	psig
	30 min	1005	psig
	35		psig
	40		_ psig
	45		psig
	50		psig
	55		psig
	60 min		psig
	Tubing pressure:	240	psig
	Result:	Pass	Fail
Signature of W	/itness:	0	
Signat	ure of Person Condu	cting Test: <u>Ou</u>	eith Unil

Sundry Number: 33654 API Well Number: 43013326980000 2250-12 2000-1750-8 MIDWIGHT 1500 1250-1000 750-Graphic Controls uc 0 CHART NO. MC MP-2500 CHART PUT ON LOCATION JONAH TERRAL 16.14.976 TAKEN OFF 0. -009 -0001

Wd 9

-1560-

-0005

5520-

7

9

2

Summary Rig Activity

Page 1 of 3

Daily Activity Report

Format For Sundry

JONAH 16-14-9-16

10/1/2012 To 2/28/2013

12/13/2012 Day: 1

Conversion

WWS #3 on 12/13/2012 - MIRUSU, LD rods - MIRUSU, Rd pumping unit. Pump 60bbls down csg, unseat pump w/10000 over string wt, unable to flush. Resent pump soft seat and test to 3500psi. LD 25 guided rods, unable to flush. TOOH w/99 3/4 slk rods, 10 3/4 guided rods6 1-1/2 weight bars. LD pump, x-over to rod equip. ND wellhead unable to release TAC, NU bops Ru floor and tbg equip. Pump 40 bbls down tbg work TAC. - MIRUSU, Rd pumping unit. Pump 60bbls down csg, unseat pump w/10000 over string wt, unable to flush. Resent pump soft seat and test to 3500psi. LD 25 guided rods, unable to flush. TOOH w/99 3/4 slk rods, 10 3/4 guided rods6 1-1/2 weight bars. LD pump, x-over to rod equip. ND wellhead unable to release TAC, NU bops Ru floor and tbg equip. Pump 40 bbls down tbg work TAC.

Daily Cost: \$0

Cumulative Cost: \$18,202

12/14/2012 Day: 2

Conversion

WWS #3 on 12/14/2012 - pump 60 bbls down tbg @ 1/2 bbl a min @ 2000 psi ru power swivel work TAC all day flushing down tbg every 3 hrs no progress. free point in AM - Pump 60 BBLS Down TBG @ 1/2 BLS min @ 2000 psi RU nabors PS 1 work TBG 2 hours RO Hot oiler pumped 50 BBLS @ 1/2 bls @ 1500 PSI cant working TBG for # hours pump 60 BBLS @ 1/2 BBLS per min @ 1300PSI cant working TBG untill 4:00 rack out drill equipment free point in the Am CWI @ 4:30. - Pump 60 BBLS Down TBG @ 1/2 BLS min @ 2000 psi RU nabors PS 1 work TBG 2 hours RO Hot oiler pumped 50 BBLS @ 1/2 bls @ 1500 PSI cant working TBG for # hours pump 60 BBLS @ 1/2 BBLS per min @ 1300PSI cant working TBG untill 4:00 rack out drill equipment free point in the Am CWI @ 4:30.

Daily Cost: \$0

Cumulative Cost: \$24,197

12/17/2012 Day: 3

Conversion

WWS #3 on 12/17/2012 - TIH W/ Cem. Cutter Cut TBG @ 5135' RD - Flush TBG W/50 BBLS RU in wire line TIH W/ free point 100% stuck @ 5190' 70% free @5150, 100% Free @ 5140 TOOH W/ free point TIH W/ Cem. Cutter Cut TBG @ 5135' RD, Wire Line, flush tbg W20 BBLS TOOH W159 JTS OUT TIH W/ shoe 8 JTS wast pipe bushing allionce jars 4 Drill collars Intenskier X-over sub 110 JT EOT @3973 RU rig pump + care well.CWI @5:30 - Flush TBG W/50 BBLS RU in wire line TIH W/ free point 100% stuck @ 5190' 70% free @5150, 100% Free @ 5140 TOOH W/ free point TIH W/ Cem. Cutter Cut TBG @ 5135' RD, Wire Line, flush tbg W20 BBLS TOOH W159 JTS OUT TIH W/ shoe 8 JTS wast pipe bushing allionce jars 4 Drill collars Intenskier X-over sub 110 JT EOT @3973 RU rig pump + care well.CWI @5:30

Daily Cost: \$0

Cumulative Cost: \$30,207

12/18/2012 Day: 4

Conversion

WWS #3 on 12/18/2012 - clean out 115' of scale to 5272,cont TIH to tac @ 5347 - Thaw out wellhead cont TIH to 5128 RU nabors power swivel cont PU + TIH Tag fish top @ 5135 swollow fish to in wash pipe cont TIH tag @5157 clean out 115' of scale to 5272,cont TIH to

Summary Rig Activity Page 2 of 3

tac @ 5347 cerc well clean TOOH rack out power swival stand back wash pipe + collars TIH W over shot 4-3 3/4 collars intensifier X-over sub pup JT 118 JTs EOT @ 3969' CWI 5:00 - Thaw out wellhead cont TIH to 5128 RU nabors power swivel cont PU + TIH Tag fish top @ 5135 swollow fish to in wash pipe cont TIH tag @5157 clean out 115' of scale to 5272,cont TIH to tac @ 5347 cerc well clean TOOH rack out power swival stand back wash pipe + collars TIH W over shot 4-3 3/4 collars intensifier X-over sub pup JT 118 JTs EOT @ 3969' CWI 5:00

Daily Cost: \$0

Cumulative Cost: \$58,771

12/19/2012 Day: 5

Conversion

WWS #3 on 12/19/2012 - cont TIH tag fish top @5135 latch on to fish - cont TIH tag fish top @5135 latch on to fish release cont TOOH Breaking + redope every collar total 123 JTS LD 4 Drill collars + Jars Ld 35 JTS BHA TIH W/8 wash pipe LD 8 JTS wash pipe CWI @5:30. - cont TIH tag fish top @5135 latch on to fish release cont TOOH Breaking + redope every collar total 123 JTS LD 4 Drill collars + Jars Ld 35 JTS BHA TIH W/8 wash pipe LD 8 JTS wash pipe CWI @5:30.

Daily Cost: \$0

Cumulative Cost: \$65,076

12/20/2012 Day: 6

Conversion

WWS #3 on 12/20/2012 - TIH , test tbg. Pump PKR fl. Test csg -ck in am. - Put TIH W/ 2 3/8 re-entry Guide, 2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - Put TIH W/ 2 3/8 re-entry Guide, 2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csq up to 1500 psi check in AM. CWI @5:00. - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - Put TIH W/ 2 3/8 re-entry Guide, 2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - Put TIH W/ 2 3/8 re-entry Guide, 2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csq up to 1500 psi check in AM. CWI @5:00. - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00

Daily Cost: \$0

Cumulative Cost: \$101,974

12/28/2012 Day: 8

Conversion

Summary Rig Activity

Page 3 of 3

Rigless on 12/28/2012 - Conduct initial MIT - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test. - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test.

Daily Cost: \$0

Cumulative Cost: \$193,654

Pertinent Files: Go to File List

	STATE OF UTAH				FORM 9
ı	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		à	5.LEASE UTU-0	DESIGNATION AND SERIAL NUMBER: 96547
SUNDR	6. IF IND	IAN, ALLOTTEE OR TRIBE NAME:			
	oposals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT o	r CA AGREEMENT NAME: GRRV)
1. TYPE OF WELL Water Injection Well					NAME and NUMBER: I FED 16-14-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY			9. API NU 43013	JMBER: 326980000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-482		ONE NUMBER:		and POOL or WILDCAT: //ENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 0758 FEL				COUNTY	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 4 Township: 09.0S Range: 16.0E Merio	dian: S	3	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPOR	RT, OR O	THER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
7,pp. Oximute date notice and control	✓ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	1	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION
1/21/2013	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	TUBING REPAIR		VENT OR FLARE	П	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF		SI TA STATUS EXTENSION		APD EXTENSION
Report Date:		:	SI IA STATUS EXTENSION		
	WILDCAT WELL DETERMINATION	V	OTHER		Put on Injection
	COMPLETED OPERATIONS. Clearly show erence well was put on inje 01/21/2013.			FOI	Accepted by the Utah Division of II, Gas and Mining R RECORD ONLY anuary 24, 2013
NAME (DI EASE DRINT)	DUONE NUM	DED	TITLE		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUM 435 646-4874	DER	Water Services Technician		
SIGNATURE N/A			DATE 1/22/2013		



October 21, 2004

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Jonah Federal 13-14-9-16, 14-14-9-16, 16-14-9-16 and Federal 4-5-9-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier Regulatory Specialist

mc

enclosures

RECEIVED
OCT 2 5 2004

DIV. OF OIL, GAS & MINING

Form 3160-3 (September 2001)			FORM APPRO OMB No. 100 Expires January 2	1-0136	
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.				
BUREAU OF LAND MANA	UTU-096547				
0 0 1 APPLICATION FOR PERMIT TO DE	6. If Indian, Allottee or T	ribe Name			
V V X	N/A				
la. Type of Work: DRILL REENTE	7. If Unit or CA Agreemer				
1b. Type of Well: Oil Well Gas Well Other	X Single Zone Multi	ple Zone	Lease Name and Well N Jonah Federal 16-1	. = .	
2. Name of Operator Newfield Production Company				13-32698	
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721		10. Field and Pool, or Explo Monument Butte	oratory	
4. Location of Well (Report location clearly and in accordance with			11. Sec., T., R., M., or Blk.	and Survey or Area	
At surface SE/SE 657' FSL 758' FEL 578575 At proposed prod. zone 443078	¥ 40.025507 347 - 110.07916	9	SE/SE Sec. 14, T9	S R16E	
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State	
Approximatley 18.5 miles southwest of Myton, Utah			Duchesne	UT	
 Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 657' f/lse, 657' f/unit 	16. No. of Acres in lease 600.00	17. Spacin	g Unit dedicated to this well 40 Acres		
18. Distance from proposed location*	19. Proposed Depth	20 DI M/I	BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,385'	5880'		4488944		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration		
5626' GL	1st Quarter 2005		Approximately seven (7) days from spud to rig release.		
	24. Attachments				
The following, completed in accordance with the requirements of Onsho	re Oil and Gas Order No.1, shall be at	ached to this	s form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Item 20 above). 5. Operator certific	ation. specific info	ormation and/or plans as may	· ·	
25. Signature Title Regulator Specialist	Name (Printed/Typed) Mandie Crozier		Date	לאנובנס	
Approved by Signature	Name (Printed/Typed) RADLEY G. HILL		Date	-01-04	
Tide	RONMENTAL SCIENTIST I	11			
Application approval does not warrant or certify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	egal or equitable title to those rights in	the subject l	ease which would entitle the a	pplicant to conduct	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for any person knowingly an	d willfully to	o make to any department or	agency of the United	

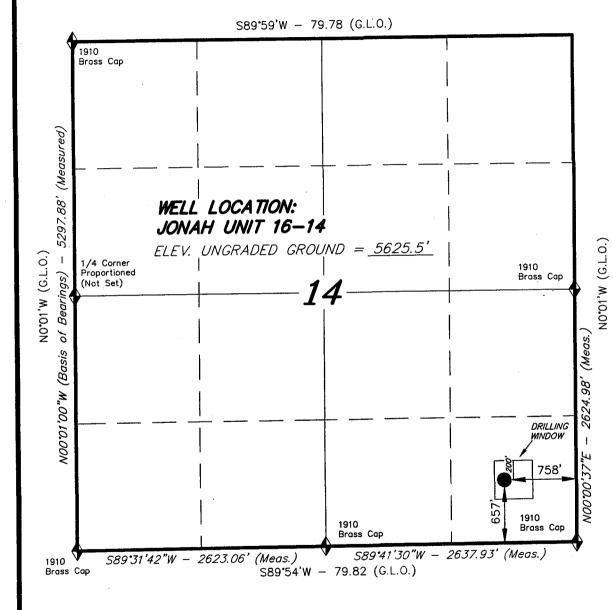
*(Instructions on reverse)

Federal Approval of the Federal Approval Option Option

RECEIVED OCT 2 5 2004

DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.





= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 16-14, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 14, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PERT WAS PREPARED FROM FIELD TO THE OF ACTUME SURVEYS MADE BY ME OR UNDER MY SUPPRESION AND THAT THE SAME ARE TRUE AND SORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEF. No. 189377

REGISTER D LAND SURVEYOR REGISTRATION NO. STATE OF STATE OF

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078 (435) 781–2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 7-6-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY JONAH FEDERAL #16-14-9-16 SE/SE SECTION 14, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

<u>DRILLING PROGRAM</u>

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta 0' – 1640' Green River 1880' Wasatch 5880'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1880' - 5880' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY JONAH FEDERAL #16-14-9-16 SE/SE SECTION 14, T9S, R16E DUCHESNE COUNTY, UTAH

TERESTERATION DE L'EXPERTANTAMENTALISME PROPERTIES AND L'EXPENDE L'EXPERTANCIANT DE L'EXPERTANCIA (L'EXPERTANCE L'EXPERTANCE L'EXPERTAN

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal #16-14-9-16 located in the SE 1/4 SE 1/4 Section 14, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 12.6 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly and then southwesterly -2.4 miles \pm to it's junction with an existing road to the southt; proceed southerly -1.9 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road -1.2 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 1/8/04. See attached report cover pages, Exhibit "D".

For the Jonah Federal #16-14-9-16 Newfield Production Company requests 350' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 350' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 1,220' of disturbed are be granted in Lease UTU-096550 and 1,220' of disturbed area be granted in Lease UTU-096547 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Possible Rapture nest – Dixie Sadler to advise.

Reserve Pit Liner

A 12 mil liner will be used at the operators discretion. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Black SageArtemisia Nova1 lbs/acreShadscaleAtriplex Confertifolia4 lbs/acreNeedle and Thread GrassStipa Comata4 lbs/acreGreen Molly Summer CyressKochia American3 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal #16-14-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

13. <u>LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION</u>

Representative

Name:

Brad Mecham

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-14-9-16 SE/SE Section 14, Township 9S, Range 16E: Lease UTU-096547 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

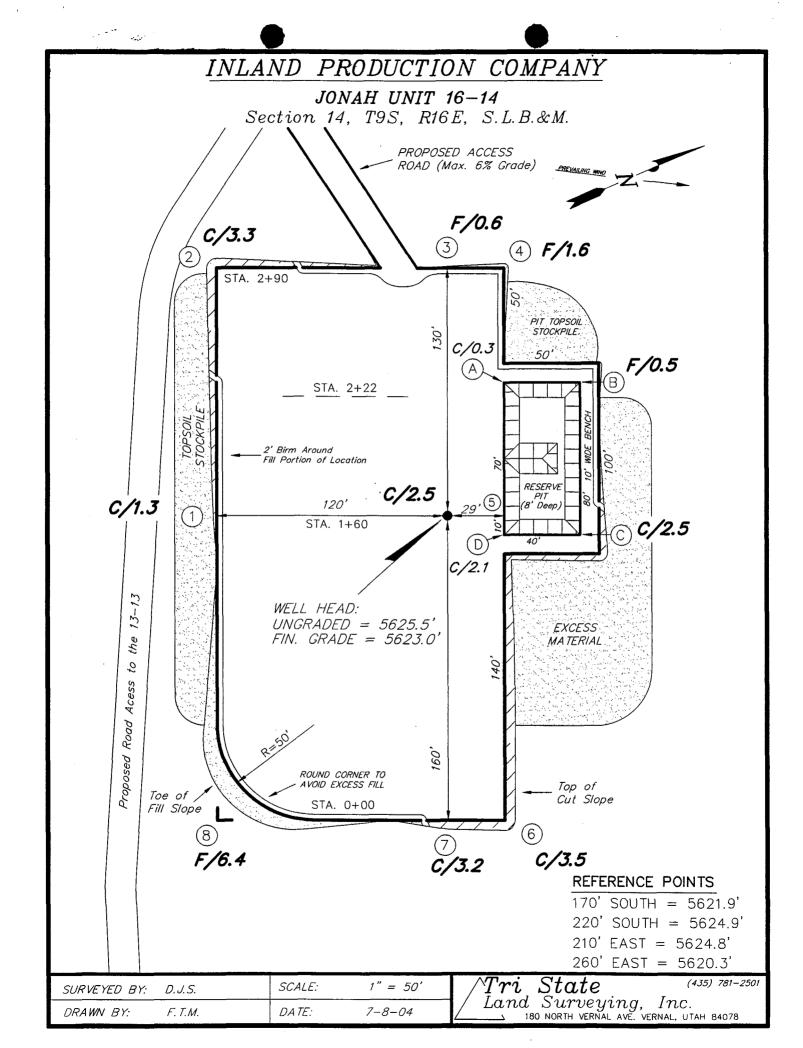
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date

Mandie Crozier

Regulatory Specialist

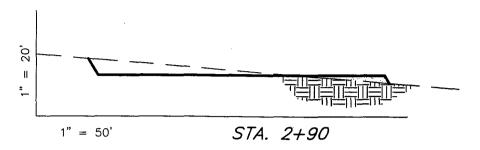
Newfield Production Company

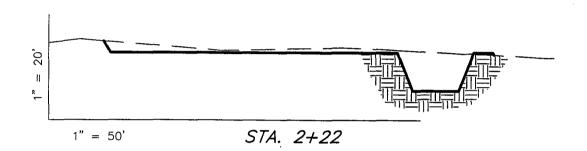


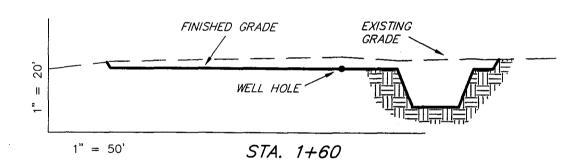
INLAND PRODUCTION COMPANY

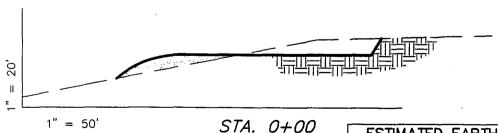
CROSS SECTIONS

JONAH UNIT 16-14









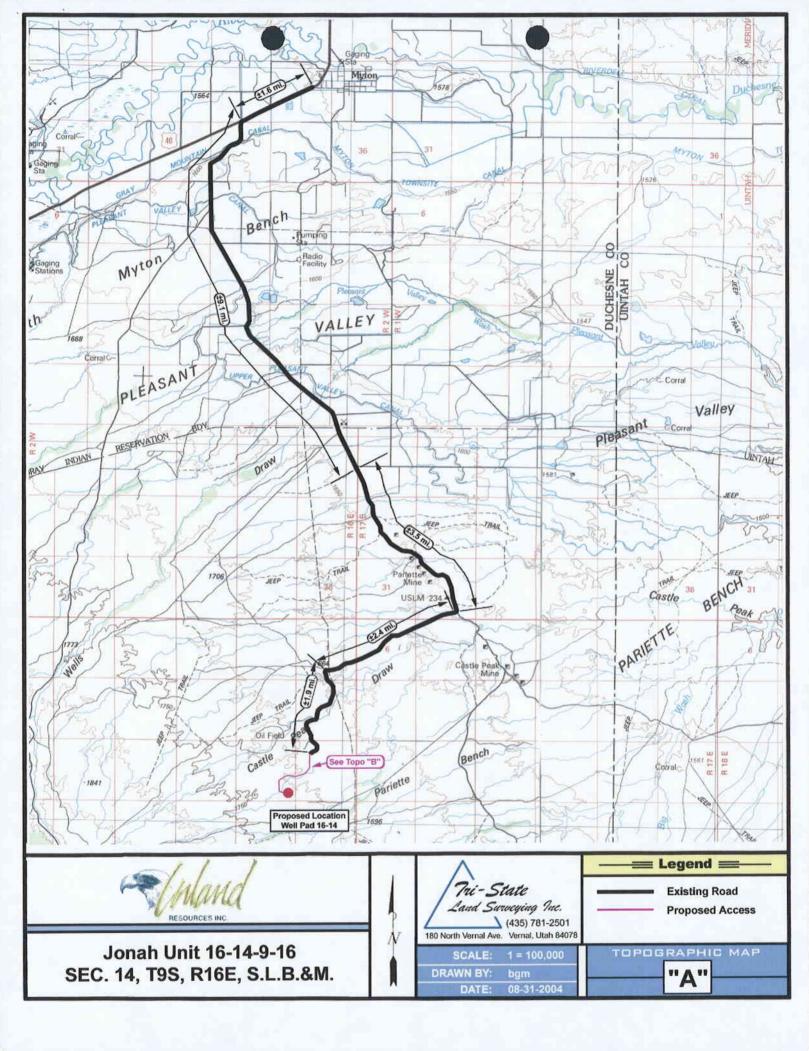
NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

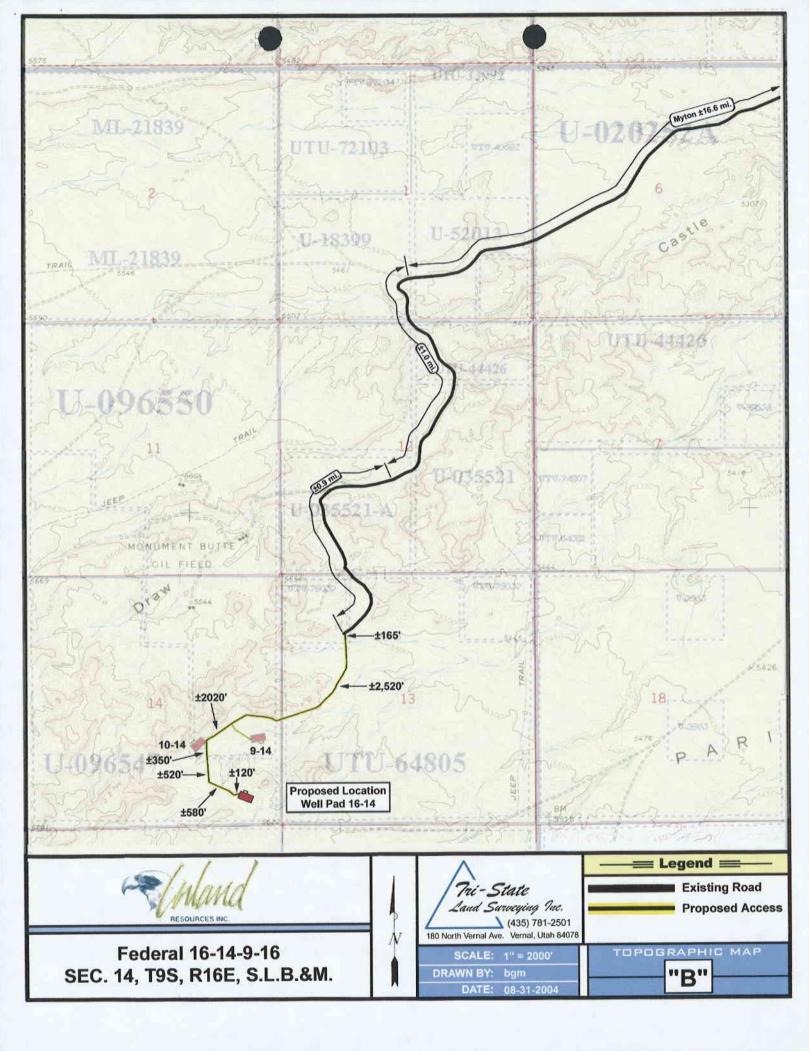
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

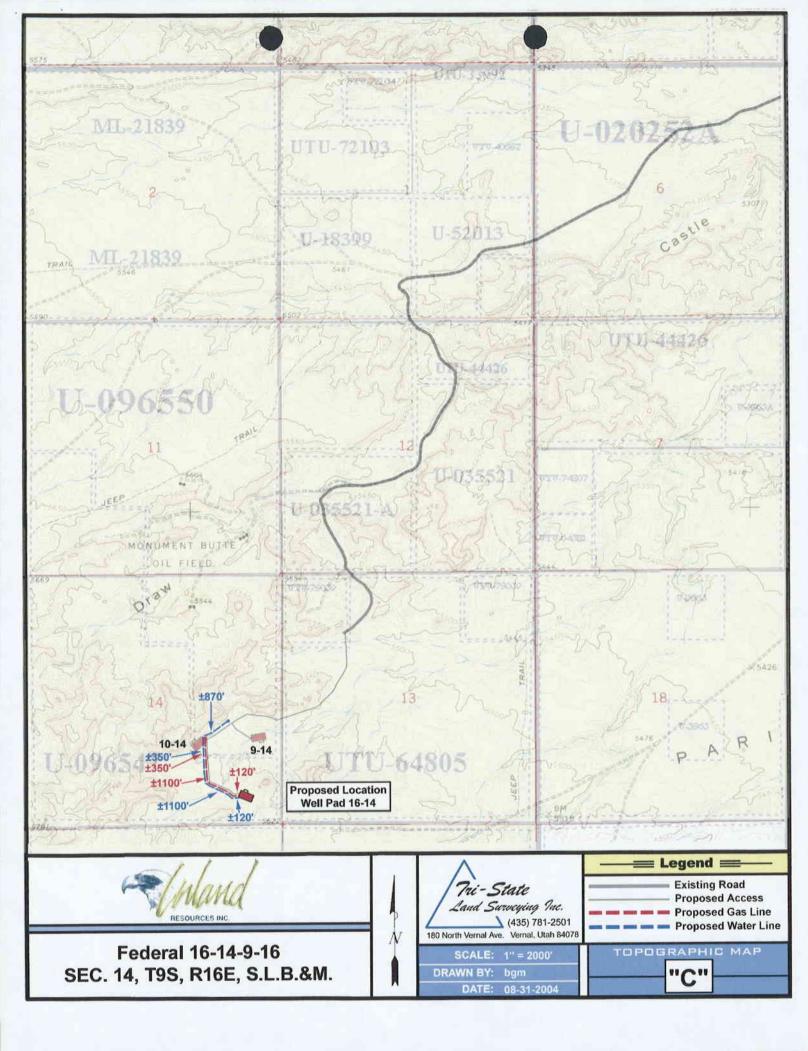
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,250	1,250	Topsoil is	0
PIT	640	0	in Pad Cut	640
TOTALS	1,890	1,250	890	640

SURVEYED BY:	D.J.S.	SCALE:	1" = 50'
DRAWN BY:	F. T.M.	DATE:	7-8-04

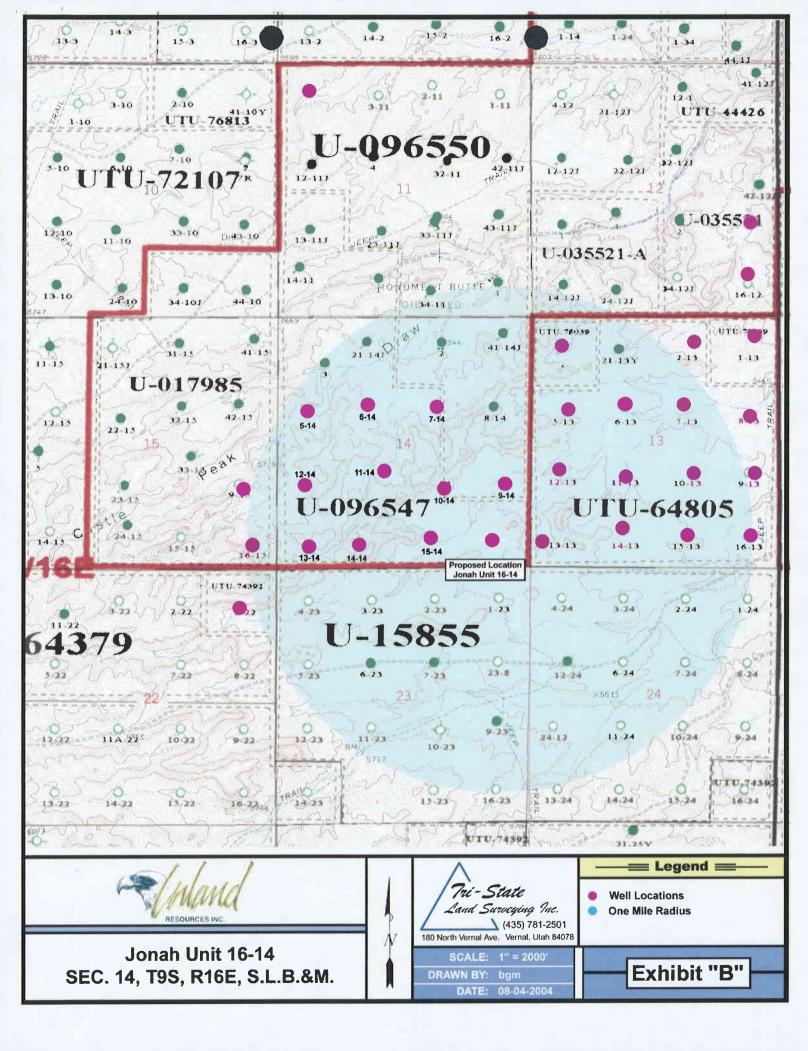
INLAND PRODUCTION COMPANY TYPICAL RIG LAYOUT JONAH UNIT 16-14 PROPOSED ACCESS ROAD (Max. 6% Grade) Emergency fuel shut down STORAGE TANK Light Plant 50' ULLI DOG HOUSE/WATER TANK TOILET BENCH RIG BASE PARTS HOUSE TANK TRAILERS **JOIN** MUD 10, RESERVE PIT (8' Deep) 8 120' PIPE RACKS CATWALK 13-13 PIPE RACKS the \$ 140' Proposed Road Acess DATA 160' $Tri~State~^{(435)~781-.}$ Land Surveying, Inc. $_{__}$ 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501 1" = 50'SCALE: SURVEYED BY: D. J. S. F. T.M. 7-8-04 DRAWN BY: DATE:





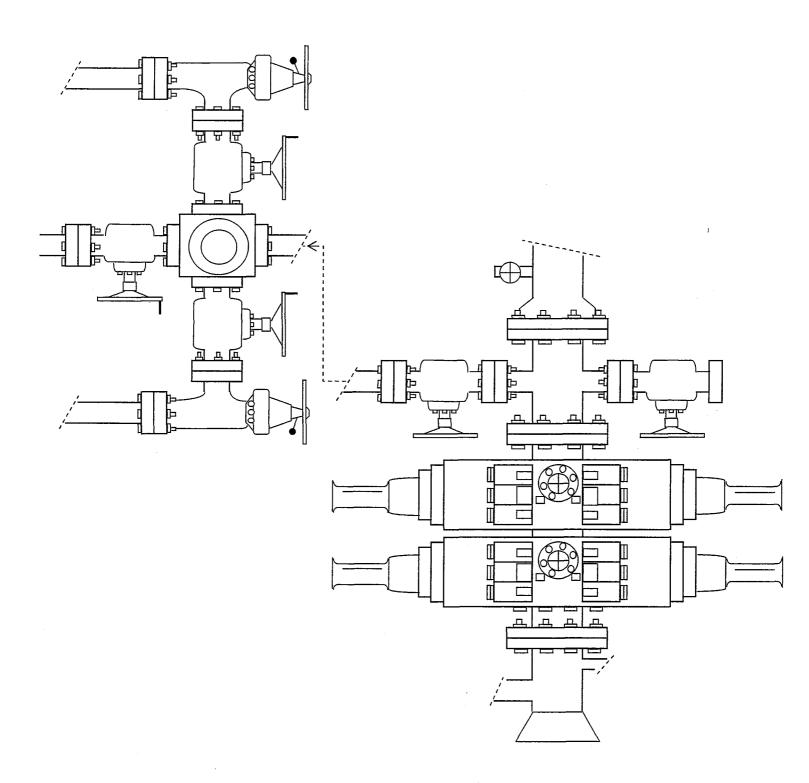


结	15	14	13	10	17	16	15	14	-13	18	17	16	16	14	13		Inland Wells Location Surface Sp	bud
21	22	148-R3W	*	11-11	20	21	4S-R2W	100	24.5 24.5		20	T4	S-R1W	21 11-23 11-23 14-23			Drilling Waiting on Producing Producing Water Inje Dry Hole	Oil Well Gas Well
29	27	25	25	19	29	29	15 22 Hamkaya	14 30 30 40 40 100 50 50 100 50 50	12 Turnyan Duna NE 19-24	18 Chance State	42 /20 12 12 12 12 12 12 12 12 12 12 12 12 12	S-R17E	15	sin sin	and for the tien of	18	+ Plugged & Shut In Water Sou Water Dis	urce Well posal Well
39	34	26	15	-00	20 73	T8S-R	16E 627	10 60 10 60 10 10 10 10 10 10 10 10 10 10 10 10 10	1 (21 22 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 10 10 10 10 10 10 10 10 10 10 10 10 10	in the state of	10 (20 (20) 10 (20 (20) 20 (20 (20) 20 (20) 10 (20) 10 (20) 10 (20) 10 (20) 10 (20) 10 (20)	10 / 10 10 10 10 10 10 10 10 10 10 10 10 10 10	28 129 240 26 129 240 26 129 240	11-22 21-23 31-25 +23 12-25 12	30	Injection s UnitOutlines	tations
	3	15 TO S	R15E	Water Pount 31 Con Longition	la ta in i	20 200 200 400	1 54 25 for 4	100 200 200 200 200 200 200 200 200 200	200 200 14.00 10 600 500 800 50 10 600 500 500	531 231 831 631 231 631 5	12 142 24/12 14/12 14 12 622 1/12 62 1 15 24/12 15/21 62 1	13 13 (2) 13 (2) 13 (2) 13 (3) 14 13 13 13	1 at 131 at	1.00 25 20 16-20	00000000000000000000000000000000000000		\$12 \$12 21.22 \$12 \$12 \$2 \$2.20 33.32	33 3
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-	34	35	35	21	32	99	34	36	36	äät.	32	33	34	35	41-3 36	11-31 11-31	Exhibit Uintah Busin Dudness & Shra	Utah
	2	108-1715	.,1		5	T103-R	10E,	2	7,1		5	T105-R	17 E	2	7	Aliane P 14x1 17 December 2hours 1	Plana Shahding to Tame Natio Senso Enternals MSHS-1347 (210) #83-#3-0	facey (20)



2-M SYSTEM

Blowout Prevention Equipment Systems



EXHIBIL C

● Exhibit "D"

Page 1 of 4

CULTURAL RESOURCE INVENTORY OF INLAND RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 &14) NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon and Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Inland Resources Route 3 Box 3630 Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

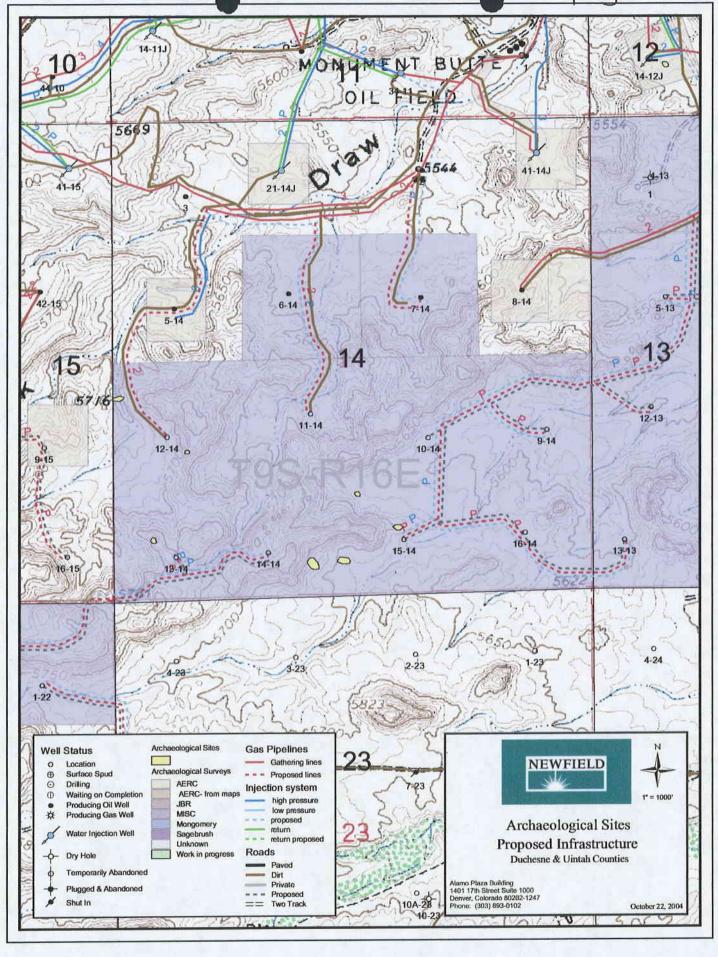
MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0328b

Page 2 of 4



page 3 of L

INLAND RESOURCES, INC.

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

(NE 1/4, SE 1/4, Sec. 10, T 9 S, R 17 E; SE 1/4, NW 1/4 & SW 1/4, NE 1/4, Sec. 29, T 8 S, R 17 E; South ½ Sec. 14 T 9 S, R 16 E; and NW 1/4, Sec. 13, T 9 S, R 16 E)

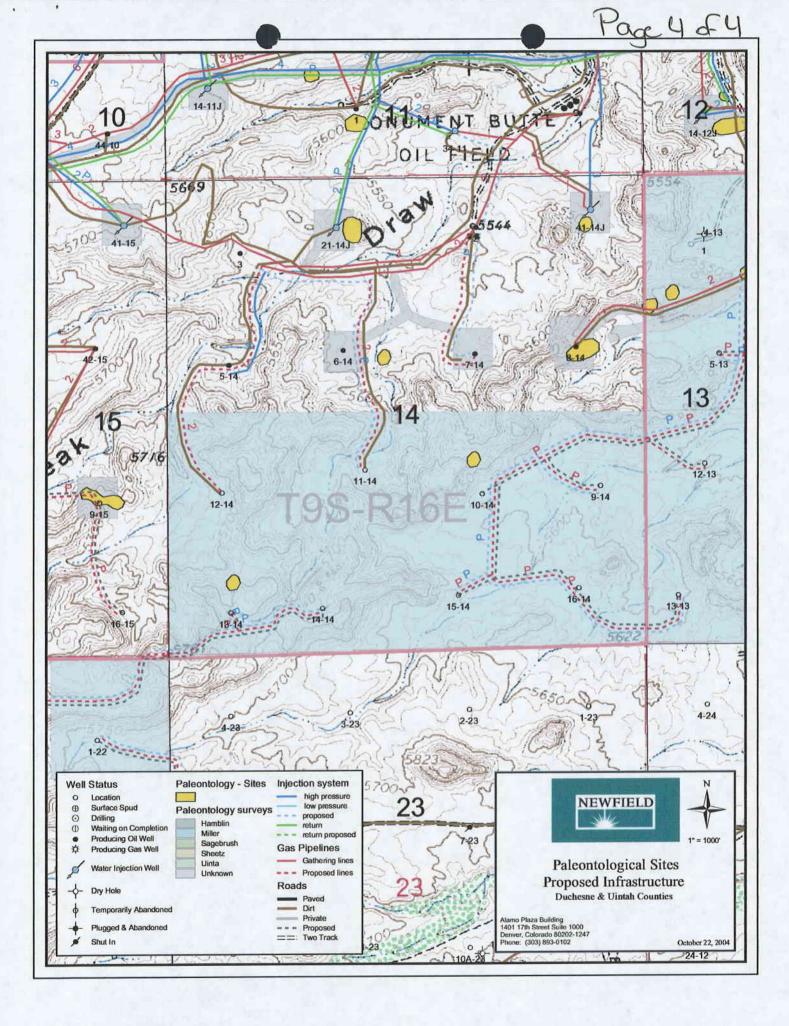
REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

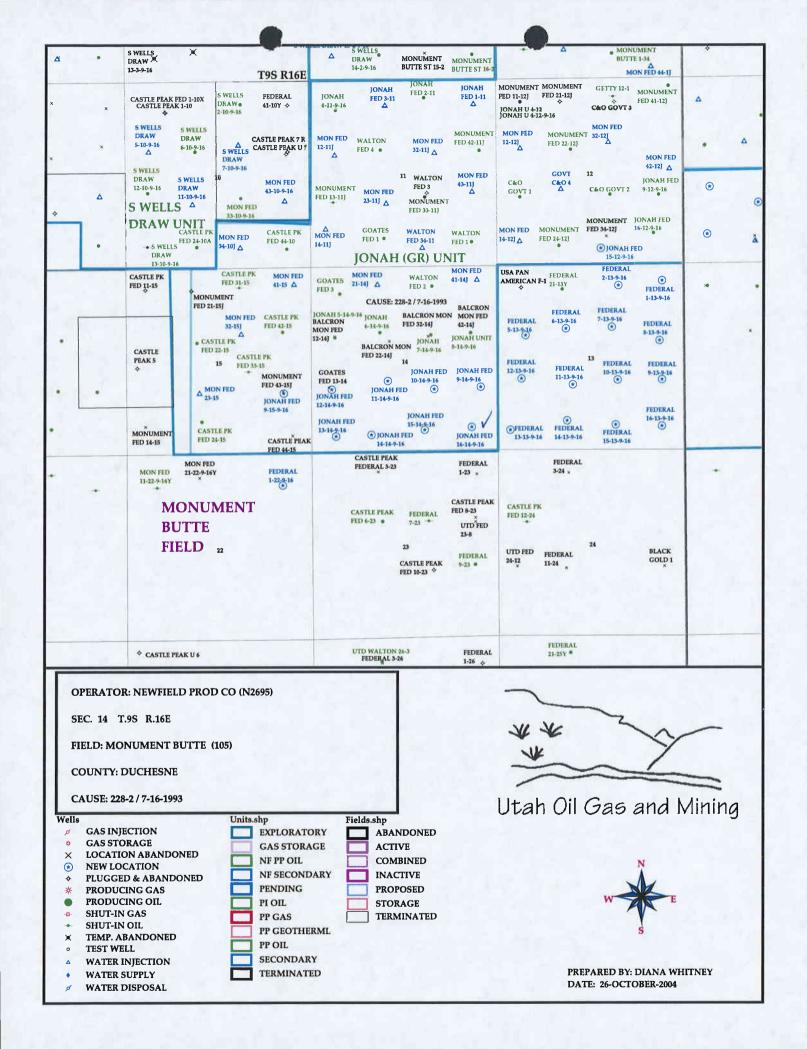
Prepared by:

Wade E. Miller Consulting Paleontologist January 8, 2004



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/25/2004	API NO. ASSIGNED: 43-013-32698					
WELL NAME: JONAH FED 16-14-9-16 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER PROPOSED LOCATION: SESE 14 090S 160E SURFACE: 0657 FSL 0758 FEL BOTTOM: 0657 FSL 0758 FEL DUCHESNE MONUMENT BUTTE (105)	PHONE NUMBER: 435-646-3721 INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology					
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-096547 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO	Surface LATITUDE: 40.02551 LONGITUDE: -110.0792					
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. 4488944) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N)	LOCATION AND SITING: R649-2-3. Unit JONAH (GREEN RIVER) R649-3-2. General					
COMMENTS: S.D. S.	errote Liles					
stipulations: 1- Ledera	() approval)					



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

November 1, 2004

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2004 Plan of Development Jonah Unit, Duchesne

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Jonah Unit, Duchesne County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Green River)

43-013-32696 Jonah Federal 13-14-9-16 Sec 14 T09S R16E 0484 FSL 0688 FWL 43-013-32697 Jonah Federal 14-14-9-16 Sec 14 T09S R16E 0507 FSL 1684 FWL 43-013-32698 Jonah Federal 16-14-9-16 Sec 14 T09S R16E 0657 FSL 0758 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Jonah Unit

Division of Oil Gas and Mining

Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-1-04



State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE Lieutenant Governor

November 1, 2004

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re:

Jonah Federal 16-14-9-16 Well, 657' FSL, 758' FEL, SE SE, Sec. 14,

T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32698.

Sincerely,

John R. Baza
Associate Director

pab Enclosures

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company						
Well Name & Number	Jonah Fo	ederal 16-14-9-16					
API Number:	43-013-3	32698					
Lease:	UTU-09						
Location: SE SE	Sec. 14	T. 9 South	R. 16 East				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (September 2001)	FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004					
UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAC	5. Lease Serial No. UTU-096547					
APPLICATION FOR PERMIT TO DR	6. If Indian, Allottee or Tribe Name					
1a. Type of Work: DRILL REENTER	7. If Unit or CA Agreement, Name and No. N/A OWO 8. Lease Name and Well No.					
lb. Type of Well: 🗵 Oil Well 🚨 Gas Well 🚨 Other	Single Zone 🚨 Multi	ple Zone	Jonah Federal 16-14			
Name of Operator Newfield Production Company			9. API Well No. 43-013-3	2698		
·	3b. Phone No. (include area code)		10. Field and Pool, or Exploratory			
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte 11. Sec., T., R., M., or Blk. and Survey or Area			
4. Location of Well (Report location clearly and in accordance with a At surface SE/SE 657' FSL 758' FEL	iny State requirements.*)		11. 000., 1., 10., 11., 01 Dia: a	na Barroy or rirou		
At proposed prod. zone			SE/SE Sec. 14, T9S R16E			
14. Distance in miles and direction from nearest town or post office*			12. County or Parish 13. State			
Approximatley 18.5 miles southwest of Myton, Utah			Duchesne	UT		
15. Distance from proposed* location to nearest property or lease line. ft.	16. No. of Acres in lease	17. Spacin	g Unit dedicated to this well			
(Also to nearest drig. unit line, if any) Approx. 657' f/lse, 657' f/unit	600.00		40 Acres			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,385'	19. Proposed Depth 20. B 5880'		M/BIA Bond No. on file #4488944			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5626' GL	22. Approximate date work will sta 1st Quarter 2005	irt*	23. Estimated duration Approximately seven (?) days from spud to rig release.			
·	24. Attachments		<u> </u>			
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be at	tached to this	form:			
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Item 20 above). 5. Operator certific	cation. specific info	ns unless covered by an existing principle or succession and/or plans as may			
25. Signature Janchie Crozin	Name (Printed/Typed) Mandie Crozier		Date	Halich		
Title Regulatory Specialist	121 (D.) 1/17 (D.)					
Springly (Signatury)	Name (Printed/Typed)		Date	/23/2019		
Title Assistant Field Manager Mineral Resources	Office			/		
Application approval does not warrant or certify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject l	ease which would entitle the a	oplicant to conduct		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for any person knowingly ar any matter within its jurisdiction.			gency of the United		
*(Instructions on reverse)	REC	EIVE	D			
	SEP	1 4 200!	5			

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

05 JIN0156A

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Operator/Company:

Newfield Production Co.

Well Name/Number:

Federal 16-14- 9-16

API Number:

43-013-32698

Location:

SESE Sec. 14 T. 9S R. 16E

Lease Number:

UTU-096547

Agreement Name (If Applicable): <u>N/A</u>

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood

(435) 828-7874

Petroleum Engineer

Michael Lee

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

No additional Surface COAs.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:	NEWFIELD F	PRODUCTION C	OMPANY
Well Name:	JONAH FED 1	16-14-9-16	·
Api No: 43-01	13-32698	Lease Type:	FEDERAL
Section 14 Towr	nship <u>09S</u> Range <u>16E</u>	CountyD	UCHESNE
Drilling Contractor	ROSS DRILLING	RIG #_	24
SPUDDED:			
Date_	10/15/05		
Time	10:00 AM		
How	DRY		
Drilling will Con	mmence:		
Reported by	JUSTIN CRUM		
Telephone #	1-435-823-6733		
Date10/17/05	5SignedCH	D	

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OCT 1 9 2005

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 8650

OPERATOR ACCT. NO.

N2695

STATE OF UTAH DMISICALOF OIL, GAS AND MINING ENTITY ACTION FORM -FORM 6

DIV. OF OIL, GAS & MINING

MYTON, UT 84052

CCCE	CLARENT	HEW .	AFI KUMBER	WELLHAME				CCATICN		SPUD	EFFECTIVE
202	ENTITY NO.	ENTTY NO.			90	sc	TP	386	COUNTY	CATE	DATE
В	99999	14844	43-047-36014	FEDERAL 10-13-9-17	NWSE	13	98	17E	HATMU	10 /12/0 5	10/20/05
al 100	AMENTS:	GRRU									- J
TICN	CLASSIT	MEA	APINUMBER	VIELL HAME		W	ELL LOCATION	ON		SPUD	EFFECTIVE
COE.	EVITTY SO.	ENSTRY NO.			GQ.	SC.	91	RG	COUNTY	DATE	DATE
A	99999	14995	43-013-32659	FEDERAL 2-13-9-16	NWNE	13	98	16E	DUCHESNE	10/13/05	10/20/05
	GRK	eV									- J
Ticy	CLERENT	HEW	API NUMBER	WELL HAVE	···L		WELL IS	OCATION		SPUD	EFFECTIVE
CĐE	ENTITY NO.	OKYTITHS			QQ	.sc	ΣP	RG	COUNTY	DATE	
В	99999	14844	43-047-36011	FEDERAL 16-13-9-17	SESE	13	98	17E	UINTAH	10/1 <i>4/</i> 05	10/20/05
	GK	REV									- 3
KOII 36:	CURRENT	KEM	API NUMBER	VAELL NAME				OCATION		SPUD	EFFECTIVE
- UE	ENTITY NO.	EMILLA AO'	····		90	€C	TP	RG	COUNTY	DATE	DATE
В	99999	11492	43-013-32698	JONAH FEDERAL 16-14-9-15	SESE	14	98	16E	DUCHESNE	10/14/05	10/20/05
	GRR	W									- <i>J</i>
1051	CURRENT	NEA	AFIAUMBER	WELL MANE	-		WELL	CCATICN		SPUD	EFFECTIVE
DE	ENTITY NO.	ENTIEY NO.	,		ÇQ	sc	ПР	333	COLMTY	DATE	DATE
	99999	14844	43-047-35703	FEDERAL 3-13-9-17	NENW	13	98	17E	UINTAH	10/17/05	10/20/05
.L 500	MARENTS: 6	RRV		Sundance							J
юн	CURRENT	NEW	API NUMBER	WELL NAME			WELL L	OCATION		SFUD	EFFECTIVE
DE	ENTITY NO.	ENTETY HO.			QQ	ξC	ΤP	AG	COUNTY	DATE	DATE
3]	99999	14844	43-047-35701	FEDERAL 7-13-9-17	SWNE	13	98	17E	HATMU	10/18/05	10/20/05
LSCO	UVENTS:	SRRV	Si	undance							一丁
	2524	ions on Eack of fema)									

- A Existish new smily for new well (single unit only)
- B. Address well to exist guality (group or wit well)
- C. Ru-masign well from one existing early to exother assaing earlity
- D- Re-assign well rum are existing entity to a new entity
- E- Other (explain in comments sedica)

1011/1 Cutra

Kim Kettle

Production Clerk
Tile

October 19, 2006 Date

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

SUNDRY No Do not use this	OTICES AND	REPORTS C	N WELLS
Do not use this	form for prope	osals to drill o	r to re-enter an
ahandonad wall	Hee Form 240	20-2 /A DEN for	euch proposale

o. Lease Seriar i	NO.		
UTU096547		,	

SUNDRY Do not use the abandoned we	NOTICES AND REPO his form for proposals to ell. Use Form 3160-3 (AP	RTS ON WELLS drill or to re-enter a D) for such proposa	n ls.	UTU096547 If Indian, Allotte	e or Tribe Name.
SIGBMED IN 10	REPORTE Other Inst	rictions of reverse	101000000000	If Unit or CA/Ag	greement, Name and/or No.
Oil Well Gas Well	Other		8.	Well Name and N	No.
Name of Operator Newfield Production Company				ONAH FEDERA	AL 16-14-9-16
3a. Address Route 3 Box 3630	·	3b. Phone No. (include a	• •	API Well No.	
Myton, UT 84052		435.646,3721	· L	1301332698	or Exploratory Area
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Descriptio			Monument Butte	or Exploratory Area
657 FSL 758 FEL			11	. County or Paris	h, State
SE/SE Section 14 T9S R16	δE		1	Duchesne,UT	
12. CHECK	APPROPRIATE BOX(ES	S) TO INIDICATE N	ATURE OF NOT	ICE, OR OTH	IER DATA *
TYPE OF SUBMISSION		TY	PE OF ACTION		
□ Notice of Intent □ Subsequent Report □ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injector	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Production(State Reclamation Recomplete Temporarily Water Dispos	Abandon	Water Shut-Off Well Integrity Other Spud Notice
On 10-14-05 MIRU Ross # csgn. Set @ 310.02 KB. Oppg > 1.17 cf/ sk yeild. Ret	Accepte Utah Dir Oil, Gas a	d by the vision of and Mining ORD ONLY			
I hereby certify that the foregoing is Name (Printed/Typed) Justin Crum Signature	Cum	Title Drilling Forema Date 10/21/2005 REEDERAL OR S		Se 1. 152	
Approved by Conditions of approval, if any, are attach certify that the applicant holds legal or eq which would entitle the applicant to cond Title 18 U.S.C. Section 1001 and Title 43	uitable title to those rights in the subje uct operations thereon.	ect lease Offic		Date	ey of the United

(Instructions on reverse)

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OCT 2 4 2005

NEWFILD PRODUCTION COMPANY - CASING & CEMENT REPORT

		jjus ———————————————————————————————————	8 5/8	CASING SET		310.02	-		
LAST CASIN	NG 8 5/8"	SET	310.02		OPERATOR	₹ .	Newfield F	, Production (Company
DATUM							Jonah 16-		
DATUM TO							Monumen		
DATUM TO	BRADENHE	AD FLANGE			CONTRACT			Ross Rig #	24
TD.DRILLER	303_	LOGG	ER				-		
HOLE SIZE									
				-					
LOG OF CA	SING STRIN	IG:	·						
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT_	GRD	THREAD	CONDT	LENGTH
									7
		Shoe	Joint 38.76'						
		WHI - 92 cs	g head		<u> </u>	ļ <u></u>	8rd	Α	0.95
7	8 5/8"	Maverick S			24#	J-55	8rd	Α	302.62
	<u> </u>	<u> </u>	GUIDE	shoe			8rd	Α	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING			300.02	
TOTAL LEN	GTH OF STE	RING	300.02	7	LESS CUT OFF PIECE				2
LESS NON	CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL	JTS. LEFT (DUT	0		CASING SE	T DEPTH		İ	310.02
	TOTAL		298.17	7	1				
TOTAL CSG	. DEL. (W/O	THRDS)	298.17	7	COMPAF	RE			
TIMING	· ·		1ST STAGE		4				
BEGIN RUN	CSG.	Spud	10/14/2005		GOOD CIRC	C THRU JOB		Yes	
CSG. IN HO	LE		10/14/2005		Bbis CMT C	IRC TO SUF	RFACE	4	
BEGIN CIRC	;		9/29/2005		RECIPROC	ATED PIPE I	FOR	_THRU	FT STROKE
BEGIN PUM	P CMT		9/29/2005		4				
BEGIN DSPI	L. CMT	 :	9/29/2005		BUMPED PI	LUG TO	100		PSI
PLUG DOW	Ν		9/29/2005					· · ·	
CEMENT US	1			CEMENT CO	MPANY-	B. J.			
STAGE	# SX			CEMENT TY	PE & ADDITI\	/ES			
1	160	Class "G" w	/ 2% CaCL2 +	1/4#/sk Cello-	Flake mixed (② 15.8 ppg 1	.17 cf/sk yiel	<u>d</u>	
								 	
CENTRALIZ						SHOW MAK	E & SPACIN	G	
Centralizers	s - Middle fi	rst, top seco	and & third for	3					· · · · · · · · · · · · · · · · · · ·
									
L									

DATE _10/17/2005

FORM 3160-5 (September 2001)

UNITL STATES DEPARTMENT OF THE INTERIOR

OMB No. 1004-0135 Expires January 31,2004

FORM APPROVED

BUREAU OF LAND MANAGEMENT 5. Lease Serial No. SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an UTU096547 6. If Indian, Allottee or Tribe Name. abandoned well. Use Form 3160-3 (APD) for such proposals. If Unit or CA/Agreement, Name and/or No. JONAH UNIT 1. Type of Well Oil Well Gas Well Other 8. Well Name and No. 2. Name of Operator JONAH FEDERAL 16-14-9-16 Newfield Production Company 9. API Well No. 3a. Address Route 3 Box 3630 3b. Phone No. (include are code) 4301332698 Myton, UT 84052 0. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Monument Butte 657 FSL 758 FEL 11. County or Parish, State SE/SE Section 14 T9S R16E Duchesne, UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ☐ Acidize Deepen Production(Start/Resume) ■ Water Shut-Off ☐ Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair **New Construction** Recomplete Change Plans Plug & Abandon Temporarily Abandon Weekly Status Report ☐ Final Abandonment Notice Convert to Injector Plug Back Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final

On 10/17/05 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notifed of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5815'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 130 jt's of 5.5 J-55, 15.5# csgn. Set @ 5803' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned all spacers reserve pit. Nipple down Bop's. Drop slips @ 80,000 #s tension. Release rig @ 6:30 AM on 10/22/05.

I hereby certify that the foregoing is true and correct	Title			-		
Name (Printed/ Typed) Justin Crum	Drilling F	Foreman				
Signature Lustin (hum)	Date 10/23/2005					
Carrier Commence		PRIVORON				
Approved by		Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrant o certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

OCT 2 5 2005

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

		.:	5 1/2"	CASING SET	AT	5803.67			
					Fit clir @	5760.15		,	
LAST CASIN	IG <u>8 5/8"</u>	SET /	AT 3 <u>10'</u>		OPERATOR	₹	Newfield F	Production (Company
DATUM					WELL	Jonah Fed	leral 16-14	-9-16	
DATUM TO	CUT OFF C	ASING _	12'		FIELD/PRO	SPECT _	Monumen	t Butte	
DATUM TO	BRADENHE	AD FLANGE			CONTRACT	TOR & RIG#		NDSI # 1	
TOTORILLER	5815'	LOGGI	ER 58 <u>14'</u>						
HOLE SIZE	7 7/8"								
			_						
LOG OF CAS	SING STRIN	G:							
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt							14
		Short jt	3742 (6.32')						
129	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	Α	5746.15
		Float collar	<u> </u>						0.6
1	5 1/2"	ETC LT&C	csg		15. <u>5</u> #	J-55	8rd	Α	44.27
			GUIDE	shoe			8rd	Α	0.65
CASING INV	ENTORY B	AL.	FEET	JTS	TOTAL LEN	IGTH OF STE	RING		5805.67
TOTAL LENG	GTH OF STE	RING	5805.67	130	LESS CUT	OFF PIECE			14
LESS NON C	CSG. ITEMS		15.25		PLUS DATU	IM TO T/CUT	OFF CSG		12
PLUS FULL	JTS. LEFT C	DUT	135.3	3	CASING SE	T DEPTH			5803.67
	TOTAL		5925.72	133	lı				
TOTAL CSG	. DEL. (W/O	THRDS)	5925.72	133	COMPAR	RE			
TIMING			1ST STAGE	2nd STAGE					
BEGIN RUN	CSG.		10/22/2005	12:30 AM	GOOD CIRC	C THRU JOB		Yes	
CSG. IN HOL	LE		10/22/2005	3:30 AM	Bbls CMT C	IRC TO SUR	FACE	Trace	
BEGIN CIRC			10/22/2005	3:30 AM	RECIPROCA	ATED PIPE F	OR	THRUSTROI	KE NA
BEGIN PUMI	PCMT		10/22/2005	4:40 AM	DID BACK F	PRES. VALVE	EHOLD? _	Yes	
BEGIN DSPL	CMT		10/22/2005	5:47 AM	BUMPED PI	LUG TO _	1671		PSI
PLUG DOWN	١		10/22/2005	6:13 AM					
CEMENT US	ED			CEMENT COM	IPANY-	B. J <u>.</u>			
STAGE	# SX		_	CEMENT TYP	E & ADDITIV	/ES			
1	300	Premlite II w	/ 10% gel + 3	% KCL, 3#'s /sl	k CSE + 2# s	sk/kolseal + 1	/4#'s/sk Cell	o Flake	
		mixed @ 11	.0 ppg W / 3.43	3 cf/sk yield					
2	425	50/50 poz W	// 2% Gel + 3%	KCL, .5%EC1	,1/4# sk C.F.	. 2% gel. 3%	SM mixed @) 14.4 ppg W/	1.24 YLD
CENTRALIZE	ER & SCRA	TCHER PLAC	EMENT			SHOW MAK	E & SPACIN	IG	
Centralizers	- Middle fi	st, top seco	nd & third. Th	en every third	collar for a	total of 20.			
			_					_	
							_		
COMPANY F	REPRESENT	ATIVE	Justin Crum	<u> </u>			DATE	10/22/2005	

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OCT 2 5 2005

CORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

5.	Lease	Serial	No.

BUREAU OF LAND MANA	GEMEN1 5. Lease Serial No.
SUNDRY NOTICES AND REPO	RTS ON WELLS drill or to re-enter an 6 If Indian Allottee or Tribe Name.
abandoned well. Use Form 3100-3 (Ar	D) for such proposals.
SUBMIT IN TRIPLICATE - Other Inst	JONAH UNIT
Type of Well Gas Well Other	8. Well Name and No. JONAH FEDERAL 16-14-9-16
Name of Operator Newfield Production Company	9. API Well No. 4301332698
a. Address Route 3 Box 3630 Myton, UT 84052	435,646.3721 10. Field and Pool, or Exploratory Area Manument Butte.
. Location of Well (Footage, Sec., T., R., M., or Survey Descript 657 FSL 758 FEL SE/SE Section 14 T9S R16E	11. County or Parish, State Duchesne, UT
12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION
Acidize Alter Casing Casing Repair Change Plans Convert to Injector 13. Describe Proposed or Completed Operation (clearly state all pertinent proposal is to deepen directionally or recomplete horizontally, give sub under which the work will be performed or provide the Bond No. on finivolved operations. If the operation results in a multiple completion (Abandonment Notices shall be filed only after all requirements, includinspection.) Formation water is produced to a steel storage tank Ashley, Monument Butte, Jonah, and Beluga water Ashley, Monument Butte, Jonah, and Beluga water is injected into approved Class II we	Deepen Production(Start/Resume) Water Shut-Off Reclamation Well Integrity New Construction Recomplete Other Plug & Abandon Temporarily Abandon Plug Back Water Disposal details, including estimated starting date of any proposed work and approximate duration thereof. If the sourface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond le with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the por recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final ing reclamation, have been completed, and the operator has determined that the site is ready for final ing reclamation facilities by company or contract trucks. Subsequently, the relief to enhance Newfield's secondary recovery project. ewfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah
	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY
I hereby certify that the foregoing is true and correct	Title
Name (Printed/Typed) Mandie Croziet	Regulatory Specialist

Date 11/15/2005 CTHIS SPACE FOR FEDERAL OR STATE OFFICE USE Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any RECEIVED inited States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

NOV 1 6 2005

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

5. Lease Serial No.	
UTU096547	
6. If Indian, Allottee or Tribe	Jame.

ı	BUREAU OF LAND MANA	GEMENT		5. Lease Serial N	lo,
SUNDRY	NOTICES AND REPO	RTS ON WELLS	ŀ	UTU096547	
abandoned w	his form for proposals to ell. Use Form 3160-3 (AP	PD) for such proposal	5.	5. If Indian, Allot	tee or Tribe Name.
SUBMIT IN T	RIPLICATE - Other Inst	tructions on reverse si	de	7. If Unit or CA/A	Agreement, Name and/or No.
1. Type of Well				JONAH UNIT	
X Oil Well Gas Well	Other			8. Well Name and	
Name of Operator Newfield Production Company			<u> </u>		RAL 16-14 - 9-16
3a. Address Route 3 Box 3630		3b. Phone No. (include are		9. API Well No. 4301332698	
Myton, UT 84052 4. Location of Well (Footage, Sec	T D M or Survey Description	435.646.3721	L		l, or Exploratory Area
4. Location of Well (Footage, Sec 657 FSL 758 FEL	., 1., K., M., Or Survey Description	<i>(</i>)		11. County or Par	
SE/SE Section 14 T9S R1	6E	1		Duchesne,UT	
12. CHECK	X APPROPRIATE BOX(E	S) TO INIDICATE NA	ATURE OF NO	TICE, OR OT	THER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION		. •
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug & Abandon	Reclamatio	e y Abandon	Water Shut-Off Well Integrity Other Variance
Final Abandonment Notice	Convert to Injector	Plug Back	Water Disp	osal	
Newfield Production Comp tanks to be equipped with I formation, which are relative separator to maximize gase. Newfield is requesting a value as surge of gas when the that as well as risk a fire hazard	Enardo or equivalent vent lyely low gas producers (20 separation and sales. Ariance for safety reasons, lief hatches are open. While	ine valves. Newfield op mcfpd). The majority of Crude oil production tal e gauging tanks, lease	erates wells tha f the wells are e aks equipped w	at produce from equipped with a ith back press	n the Green River a three phase ure devices will emit
	•				•
			(Section to supple stage	es come a secondary
	-		SCW SCW	SHA 10 OPER	ATOR
I hereby certify that the foregoing is	s true and correct	Title		=	
Name (Printed/Typed) Mandie Crozier		Regulatory Spec	alist		
Signature	2: (10)	Date 11/15/2005			
1 June	TH (S SPACE FO	OR FEDERAL OR SI		USE	
Approved by Conditions of approval, if any, are attacl certify that the applicant holds legal or e which would entitle the applicant to con Title 18 U.S.C. Section 1001 and Title 4 States any false, fictitious and fraudulen	equitable title to those rights in the subduct operations thereon. 3 U.S.C. Section 1212, make it a crim	warrant or Oil, Gas oject lease Office te for any person knowned and	ed by the Division of and Minin	Day Day Fe	deral Approval Of This Action Is Necessary
(Instructions on reverse)		гу Се Ж		HEULH	

NOV 1 6 2005

FORM 3160-5 (September 2001)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED						
OMB No.	1004-0135					
Expires Jan	uary 31,2004					

5. Lease Serial No.

SUNDRY	UTU096547 ·					
	his form for proposals to drill or ell. Use Form 3160-3 (APD) for			6. If Indian, Allot	tee or Tribe Name.	
SUBMIT IN T	RIPLICATE - Other Instruction	ns on reverse side		7. If Unit or CA/A JONAH UNIT	Agreement, Name and/or No.	
X Oil Well Gas Well	Other			8. Well Name and		
Name of Operator Newfield Production Company				JONAH FEDER 9. API Well No.	RAL 16-14-9-16	
3a. Address Route 3 Box 3630		one No. (include are code	2)	4301332698		
Myton, UT 84052 4. Location of Well (Footage, Sec	T R M or Survey Description	6.3721		10. Field and Pool Monument Butte	l, or Exploratory Area	
657 FSL 758 FEL	., 1., N., M., or but vey Description			11. County or Par		
SE/SE Section 14 T9S R1	6E			Duchesne, UT		
12. CHECK	APPROPRIATE BOX(ES) TO	NIDICATE NATUI	RE OF NO	OTICE, OR OT	HER DATA ,	
TYPE OF SUBMISSION		TYPE OF	ACTION			
☐ Notice of Intent ☐ Subsequent Report ☐ Final Abandonment Notice	Alter Casing Fr. Casing Repair No. Change Plans Plans	acture Treat acture Treat acture Treat acture Treat acture Construction acture & Abandon acture Back				
Abandonment Notices shall be filed inspection.) Status report for time period the well. A cement bond log with 20/40 mesh sand. Period (4942' -4954'), (4916' -4921') used between stages. Fract plugs were drilled out and was run in well on sucker research.	n procedures intiated in the Green g was run and a total of four Green forated intervals are as follows: St ; Stage #4(4036'-4042'). All perfor s were flowed back through choke well was cleaned to 5744'. Zones well ods. Well was placed on production	River formation on a River intervals were age #1 (5374'-5380') ations, were 4 JSPF as. A service rig was were swab tested for a via rod pump on 1	11-08-05 versions of the operator of the opera	without the use ed and hydraulio 2 (5122'-5132'); te flow-through er the well on 1 unup. A new 1 1	of a service rig over cally fracture treated Stage #3 frac plugs were 1-10-2005. Bridge	
I hereby certify that the foregoing is Name (Printed/Typed)	true and correct	Title Production Clerk				
Lana Nebeker/ Signature						
Signature Ana Vi	lebelu _	Date 11/21/2005				
V	THIS SPACE FOR FEL	DERAL OR STATE	OFFICI	E USE 中身和		
Ad by		Title		Date		
• • • • • • • • • • • • • • • • • • • •	ed. Approval of this notice does not warrant or nuitable title to those rights in the subject lease fuct operations thereon.	Office			<u> </u>	
Title 18 U.S.C. Section 1001 and Title 42	3 U.S.C. Section 1212, make it a crime for any p statements or representations as to any matter w		ly to make to a	any department or age	ncy of the United	

(Instructions on reverse)

NOV 2 2 2005

FORM 3160-4 (July 1992)

SUBMIT IN DUPLICATE* FORM APPROVED

(See other instructions ons

OMB NO. 1004-0137

UNITED STATES DEPARTMENT OF THE INTERIOR

Expires: February 28, 1995 reverse side) 5. LEASE DESIGNATION AND SERIAL NO.

		BUREA	\U OF	LAND N	MANAGEME	NT			JTU-09	
WELL	COMPL			<u> </u>		REPORT A	ND LOG*	6. IF INDIAN, ALL	OTTEE OR NA	TRIBE NAME
a. TYPE OF WORK								7. UNIT AGREEM		
		OIL WELL	X	GAS WELL	DRY	Other			Jonah I	Unit
b. TYPE OF WELL			_			_			en strant a	221.375
NEW 😾	work [7 .		PLUG [DIFF	\neg		8. FARM OR LEAS		
WELL X	OVER	DEEPEN		BACK	RESVR.	Other			Federal	16-14-9-16
2. NAME OF OPERATOR		Nov	ufiold E	volorati	on Company			9, WELL NO.	13-013-3	2698
8. ADDRESS AND TELEPT							***	, 10. FIELD AND PO	OOL OR WIL	DCAT
					Denver, CC				onumen	
4. LOCATION OF WEL At Surface	L (Report loc	ations clearly ar: 657	nd in accord ' FSL & 7	lance with a '58' FEL (ny State requiremer SE/SE) Sec. 14	nts.*) 4, T9S, R16E		11. SEC., T., R., M. OR AREA	UK BLUCK	AND SURVEY
At top prod. Interval rep	orted below	, 55.	, , , , ,		,			Sec	. 14, T9	S, R16E
,			_							1
At total depth			Ì	14. API NO.	013-32698	DATE ISSUED 1 1	1/4/04	12. COUNTY OR P Duches		13. STATE UT
15. DATE SPUDDED	16. DATE T.D.	REACHED	17. DAT		Ready to prod.)		OF, RKB, RT, GR, ET	°C.)*		ELEV. CASINGHEAD
10/14/05	10	/21/05		11/	14/05	5626		5638' KB		CANLE TON C
20. TOTAL DEPTH, MD &	TVD	21. PLUG BAC	K T.D., MD	& TVD	22. IF MULTIPE HOW MAN		23. INTERVALS DRILLED BY	ROTARY TOOLS	1	CABLE TOOLS
5815'			5758'		The William		>	X		
24. PRODUCING INTERV	AL(S), OF THIS	COMPLETION								WAS DIRECTIONAL SURVEY MADE
				Green F	River 4036'	-5380'				No
26. TYPE ELECTRIC AND	OTHER LOGS	RUN								WAS WELL CORED
Dual Induction	Guard, S	SP, Compe	nsated	Density	, Compensa	ted Neutron, (GR, Caliper,	Cement Bond Lo	og	No
23.						ort all strings set in		MENT, CEMENTING RECOR	15	AMOUNT PULLED
CASING SIZE/G 8-5/8" - J	-55	weight.			310'	12-1/4"		with 160 sx Class "G"		
5-1/2" - J		15.			5804'	7-7/8"	300 sx Premi	lite II and 425 sx 50/5	0 Poz	
							20	TUBING RECO	NDD.	
29.	то	LINI P (MD)	ER RECO	M (MD)	SACKS CEMENT	* SCREEN (MD)	30. SIZE	DEPTH SET (MD)	JKD	PACKER SET (MD)
SIZE	10:	r (MD)	BOTTO	WI (WID)	TATORIO CAMILLA		2-7/8"	EOT @		TA @ 5359'
							. CUD OHOT	5458'	SOUREZI	
31. PERFORATION REC	ORD (Interval	, size and number		ZE	SPF/NUMBEI	32. DEPTH INT	ACID, SHOT, ERVAL (MD)	FRACTURE, CEMENT AMOUNT AND K	AND OF MA	ATERIAL USED
119 (5374'-5380"		6"	4/24		-5380'	Frac w/ 24,617# 2		
	(LODC)	5122'-5132'		6"	4/40		-5132'	Frac w/ 34,329# 2		
(A3&1) 4		4916'-4921'		6"	4/68				Frac w/ 75,312# 20/40 sand in 591 bbls fluid Frac w/ 25,272# 20/40 sand in 301 bbls fluid	
	(GB6)	4036'-4042'	.4	.6"	4/24	4036	-4042'	Frac W/ 25,2/2# 2	0/40 sand	J III 30 I pois ildid
-	<u></u>									
					-					
33.*						JCTION			WELL STAT	US (Producing or shut-in)
DATE FIRST PRODUCTION 11/14/0		PRODUCTIO	IOHTHOU) (Howing, ga 2-1/2" x	s lift, pumpingsize an 1-1/2" x 15'	RHAC SM Plu	unger Pump		PR	ODUCING
DATE OF TEST		OURS TESTED	CHOK		PROD'N. FOR	OHBBLS.	GASMCF.	WATERBBL.	G.	AS-OIL RATIO
30 day av	re				TEST PERIOD	11	22	39		2000
FLOW, IT BING PRESS.		ASING PRESSUR		T,ATED	OIL-BBL.	GASMCF.		WATERBBL. Off	I GRAVITY	API (CORR.)
			24-110	UR RATE		1		ı R	ECE	IVED
34. DISPOSITION OF GAY	S (Sold used to	r fuel, vented, ore t		>				TEST WITNESSE		40
			Sold	& Used	I for Fuel					2_2005
35. LIST OF ATTACHME	ENTS							DIV OF	· 011 -	
36. I hereby certify that) , , , ,		7	and compare on the se	minod from all availa	ble records	······································	UIL, GA	AS & MINING
36. Thereby certify that	the toregoin	g and attached a	normation	is complete	and correct as deter	Reg	julatory Spe	cialist	1711	12/21/2005
100.01.17	1 1	11112		()				-		N It

(See Instructions and Spaces for Additional Data on Reverse Side)

ecoveries); FORMATION					ТОР			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPT		
			Well Name Jonah Federal 16-14-9-16	Garden Gulch Mkr Garden Gulch I	3468' 3674'			
				Garden Gulch 2 Point 3 Mkr	3788' 4055'	<u></u>		
				X Mkr Y-Mkr Douglas Creek Mkr	4300' 4337' 4458'			
				BiCarbonate Mkr B Limestone Mkr Castle Peak	4694' 4804' 5318'			
				Basal Carbonate Total Depth (LOGGERS	5748' 5814'			
						i : :		



July 13, 2010

Mr. Dan Jarvis State of Utah Division of Oil, Gas and Mining Post Office Box 145801 Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well

Jonah Federal #16-14-9-16

Monument Butte Field, Lease #UTU-096547

Section 14-Township 9S-Range 16E

Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah Federal #16-14-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead RECEIVED
JUL 26 2010

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL JONAH FEDERAL #16-14-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-096547

JULY 13, 2010

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STATE OF UTAH DIVISION OF OIL, GAS AND MINING

OPERATOR

ADDRESS

APPLICATION FOR INJECTION WELL - UIC FORM 1

Newfield Production Company

1001 17th Street, Suite 2000

Denver,	Colorado	80202							
							····		
Well Name and number		Jonah Fed	eral 16-14-	9-16					
Field or Unit name: Mor	nument Bu	te (Green	River)				Lease No.	UTU-0965	47
Well Location: QQ	SESE	section	14	_ township _	98	_range	16E	county	Duchesn
Is this application for exp	pansion of	an existing	project? .			Yes [X]	No []		
Will the proposed well b	e used for:		Disposal?	Recovery?		Yes[]	No [X]		
Is this application for a r	ew well to	be drilled?				Yes[]	No [X]		
If this application is for a has a casing test beer Date of test: API number: 43-013-3	n existing of performed	vell,				Yes[]	No [X]		
Proposed injection intervention	•	from rate	3786 500 bpd	to pressure	5758 1804	psig			

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

I certify that this report is true and complete to the best of my knowledge.

List of Attachments: Attachments "A" through "H-1"

Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2

Name:

Eric Sundberg

Signature

Title

Regulatory Lead

Date

Phone No.

(303) 893-0102

(State use only)

mile of the well.

Application approved by

Title

Approval Date _____

Jonah Federal 16-14-9-16

Spud Date: 10-14-05 Put on Production: 11-14-05

GL: 5626' KB: 5638'

Proposed Injection Wellbore Diagram

Cement top @ 270

Casing Shoe @ 310

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8' GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts (302.62') DEPTH LANDED: 310.02' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

FRAC JOB

11-08-05 5374-5380' Frac CP2 sands as follows: 24617# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2689 psi w/avg rate of 24.8 BPM. ISIP 3370 psi. Calc flush: 5372 gal. Actual flush: 4956 gal.

11-08-05 5122-5132'

Frac LODC sands as follows: 34329# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2632 psi w/avg rate of 24.8 BPM. ISIP 2720 psi. Calc flush: 5120 gal. Actual flush: 4830 gal.

11-09-05 4916-4954'

Frac A1, & A3 sands as follows: 75312# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4914 gal. Actual flush: 3906 gal.

11-09-5 4036-4042'

6/8/09

Packer @ 3992' 4036-4042

4916-4921' 4942-4954 5122-5132

5374-5380

PBTD @ 5758 SHOE @ 58033

TD @ 5800'

Frac GB6 sands as follows: 25272# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2043 w/ avg rate of 24.7 BPM. ISIP 1830 psi. Calc

flush: 4034 gal. Actual flush: 3948 gal. Pump Change. Updated rod & tubing details.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 130 jts. (5790.42') DEPTH LANDED: 5803.67' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 270'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 166 jts (5347.02') TUBING ANCHOR: 5359.02' KB NO OF JOINTS: 1 its (31.43') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5393.25' KB NO. OF JOINTS: 2 jts (62.75')

TOTAL STRING LENGTH: EOT @ 5457.55' KB

PERFORATION RECORD

11-01-05 5374-5380 4 JSPF 24 holes 11-08-05 5122-5132' 4 JSPF 40 holes 4942-4954 11-08-05 4 JSPF 48 holes 11-08-05 4916-4921' 4 JSPF 20 holes 11-09-05 4036-4042' 4 JSPF 24 holes



657' FSL & 758' FEL

SE/SE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32698; Lease #UTU-096547

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17th Street, Suite 2000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Jonah Federal #16-14-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Jonah Federal #16-14-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3786' - 5758'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3466' and the TD is at 5800'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Jonah Federal #16-14-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-096547) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 310' KB, and 5-1/2", 15.5# casing run from surface to 5804' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1804psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Jonah Federal #16-14-9-16, for existing perforations (4036' - 5380') calculates at 0.89 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1804 psig. We may add additional perforations between 3466' and 5800'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Jonah Federal #16-14-9-16, the proposed injection zone (3786' - 5758') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-14.

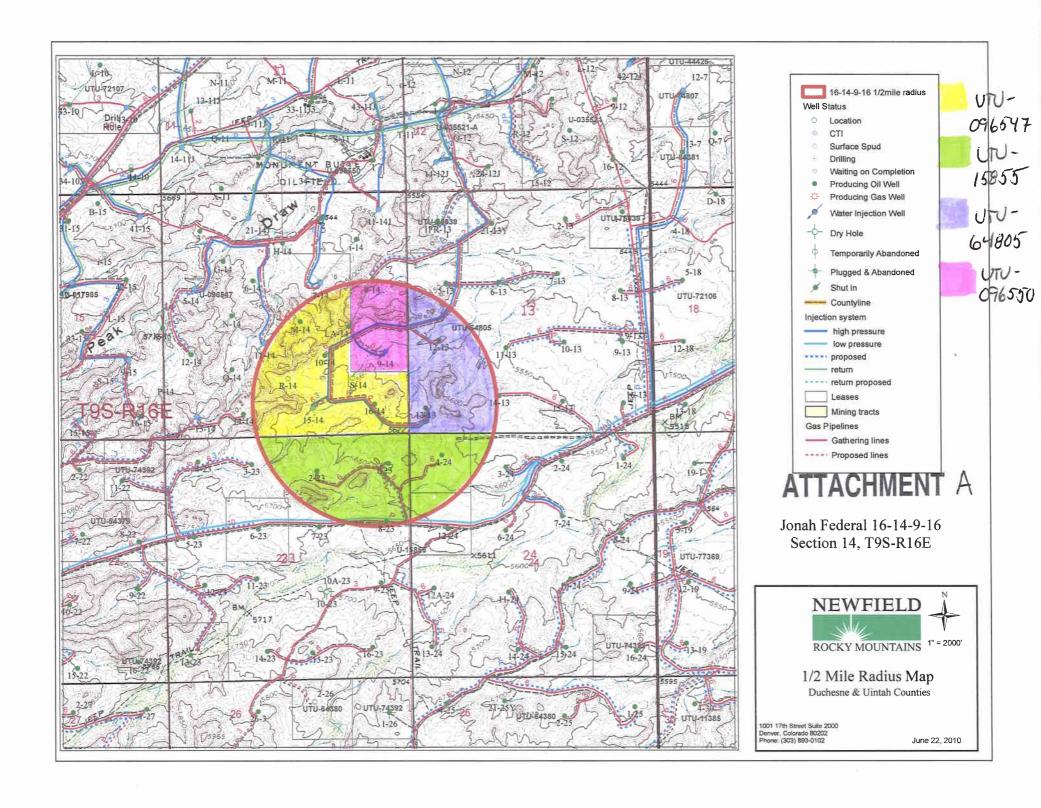
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

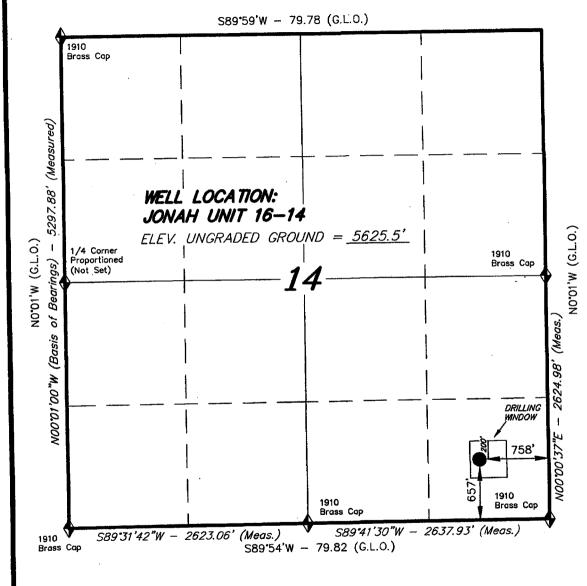
See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



T9S, R16E, S.L.B.&M.





= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT 16-14, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 14, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

ATTACHMENT A-I



THIS IS TO CERTIFY THAT THE ABOVE PERT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER ANY SUPPRESON AND THAT THE SAME ARE TRUE AND FORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEF.NO.189377

REGISTERED LAND SURVEY REGISTRATE OF BEAM TO

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.			
DATE: 7-6-04	DRAFTED BY: F.T.M.			
NOTES:	FILE #			

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	Township 9 South, Range 16 East SLM Section 11: W2SW, SESW Section 14: SWNE, W2, W2SE, SESE	USA UTU-096547 HBP	Newfield Production Company Newfield RMI LLC	USA
2	Township 9 South, Range 16 East SLM Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King Oil & Gas of Texas Ltd. Six Gold Oil LLC Stone Energy Corporation	USA
3	Township 9 South, Range 16 East SLM Section 13: NENW, NWNE, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA
4	Township 9 South, Range 16 East SLM Section 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE	USA UTU-096550 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

Application for Approval of Class II Injection Well RE: Jonah Federal #16-14-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Newfield Production Company

Eric Sundberg Regulatory Lead

Sworn to and subscribed before me this // day of July

Notary Public in and for the State of Colorado: Andico L.

My Commission Expires

02/10/2013 My Commission Expires:

Jonah Federal 16-14-9-16

Spud Date: 10-14-05 Put on Production: 11-14-05 GL: 5626' KB: 5638'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

FRAC JOB SURFACE CASING 11-08-05 5374-5380° Frac CP2 sands as follows: CSG SIZE: 8-5/8" 24617# 20/40 sand in 360 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2689 psi w/avg rate of 24.8 BPM. ISIP 3370 psi. Calc Cement top @ 270 WEIGHT: 24# flush: 5372 gal. Actual flush: 4956 gal, LENGTH: 7 jts (302.62') Casing Shoe @ 310' 11-08-05 5122-5132 Frac LODC sands as follows: DEPTH LANDED: 310.02' KB 34329# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2632 psi w/avg rate of 24.8 BPM. ISIP 2720 psi. Calc HOLE SIZE: 12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5120 gal. Actual flush: 4830 gal. 11-09-05 4916-4954 Frac A1, & A3 sands as follows: 75312# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4914 gal. Actual flush: 3906 gal. PRODUCTION CASING Frac GB6 sands as follows: 11-09-5 4036-40423 CSG SIZE: 5-1/2" 25272# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2043 w/ GRADE: J-55 avg rate of 24.7 BPM. ISIP 1830 psi. Calc flush: 4034 gal. Actual flush: 3948 gal. WEIGHT: 15.5# Pump Change. Updated rod & tubing details. 6/8/09 LENGTH: 130 jts. (5790.42') DEPTH LANDED: 5803.67' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. CEMENT TOP AT: 270' **TUBING** SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 166 jts (5347.02') TUBING ANCHOR: 5359.02' KB NO. OF JOINTS: 1 jts (31.43') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5393.25' KB NO. OF JOINTS: 2 jts (62.75') TOTAL STRING LENGTH: EOT @ 5457.55' KB 4036-4042 PERFORATION RECORD SUCKER RODS 11-01-05 5374-5380' 4 JSPF 11-08-05 5122-5132' 4 JSPF POLISHED ROD: 1-1/2" x 22' SM 4942-4954' 4 JSPF 11-08-05 SUCKER RODS: 1-2' X ½" pony rods, 100-½" scrapered rods, 99-½" plain rods, 10-¾" scrapered rods, 6-1½" weight rods. 11-08-05 4916-4921' 4 JSPF 20 holes 11-09-05 4036-4042' 4 JSPF 24 holes 4916-4921 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger 4942-4954' STROKE LENGTH: 86" **5122-5132** PUMP SPEED, SPM: 5 SPM Anchor @ 5359' = 5374-5380° SN @ 5393' EOT @ 5458'

PBTD @ 5758' SHOE @ 5803'

TD @ 5800'

Jonah Federal 16-14-9-16

NEWFIELD

657' FSL & 758' FEL

SE/SE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32698; Lease #UTU-096547

24 holes

40 holes

48 holes

Jonah Unit #8-14

Spud Date: 5/22/98

SURFACE CASING

DEPTH LANDED: 291'

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5# LENGTH: 133 jts. (5677') DEPTH LANDED: 5688' KB HOLE SIZE: 7-7/8"

CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G

HOLE SIZE: 12-1/4"

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24# LENGTH: 7 jts. (290')

Put on Production: 6/22/98 GL: 5607' KB: 5617'

Wellbore Diagram

Initial Production:159 BOPD, 133 MCFPD, 34 BWPD

FRAC JOB

6/13/98 5046'-5072'

Frac A-3 sand as follows:

114,000# 20/40 sand in 565 bbls Viking I-25 fluid. Perf Brokedown @ 3823 psi. Treated @ avg press of 1875 psi, w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100 psi. Flowback on 12/64 choke for 3

hours and died.

6/16/98 4749'-4759'

Frac C sand as follows: 113,994# of 20/40 sand in 546 bbls Viking I-25 fluid. Perfs Brokedown @ 3032 psi. Treated @ avg press of 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135'

Frac GB sand as follows:

96,580# 20/40 sand in 475 bbls Viking I-25 fluid. Perfs brokedown @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

TUBING

SIZE/GRADE/WT .: 2-7/8" / M-50 / 6.5#

CEMENT TOP AT: 2566' per CBL

NO. OF JOINTS: 161 jts TUBING ANCHOR: 5020' SEATING NIPPLE: 5-1/2" (1.10') TOTAL STRING LENGTH: EOT @ 5152'

SN LANDED AT: 5086'

PERFORATION RECORD

4114'-19' 4132'-35'

> = 4749'-59' Anchor @ 5020' 5046'-72'

SN @ 5086' EOT @ 5152'

Sand Top @ 5351'

PBTD @ 5635' TD @ 5700'

6/13/98 5046'-5072' 2 JSPF 6/15/98 4749'-4759' 4 JSPF 52 holes 40 holes 6/17/98 4114'-4119' 4 JSPF 20 holes 6/17/98 4132'-4135' 4 JSPF

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4 - 1-1/2" weight rods, 4-3/4" scrapered, 97 - 3/4" plain rods, 97 - 3/4" scapered rods, 1 - 3/4" plain rod, 1 - 3/4"x8' pony rod.

Cement Top@ 2566'

PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump

STROKE LENGTH: 74"

PUMP SPEED, SPM: 6 SPM

LOGS:Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

NEWFIELD Ship Jonah Unit #8-14

1882 FNL 773 FEL SENE Section 14-T9S-R16E Duchesne Co, Utah API #43-013-32054, Lease #U-096550

Federal 12-13-9-16

Spud Date: 9-29-05 Initial Production: BOPD. Put on Production: 11-23-05 MCFD, BWPD Wellbore Diagram GL: 5490' KB: 5502' FRAC JOB SURFACE CASING 11-16-05 5376-5429 Frac CP1, CP2 sands as follows: CSG SIZE: 8-5/8" 50812# 20/40 sand in 434 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.1 BPM. ISIP 2250 psi. Calc WEIGHT: 24# flush: 5374 gal. Actual flush: 5078 gal. LENGTH: 7 jts. (304.74') 11-16-05 4944-4958' Frac A1 sands as follows: DEPTH LANDED: 315.64' KB 80407# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 2025 psi Cement top @ 250° HOLE SIZE:12-1/4" w/avg rate of 25 BPM. ISIP 2270 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 4942 gal. Actual flush: 4700 gal. 11-17-05 4742-4748' Frac B.5 sands as follows: 25030# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 2055 psi w/avg rate of 25.1 BPM. ISIP 1980 psi. Calc flush: 4740 gal. Actual flush: 4746 gal. Frac GB4. & GB6 sands as follows: 11-17-05 4000-4035 112538# 20/40 sand in 755 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 1673 w avg rate of 25.2 BPM. ISIP 1850 psi. Calc CSG SIZE: 5-1/2" flush: 3998 gal. Actual flush: 3906 gal. GRADE: J-55 9/17/09 Pump Change. Updated rod & tubing details. WEIGHT: 15.5# LENGTH: 133 jts. (5714.51') DEPTH LANDED: 5668.64' KB HOLE SIZE: 7-7/8' CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. 4000-4010 CEMENT TOP AT: 250 4020-4035 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 166 jts (5345.76') TUBING ANCHOR: 5357.76' KB NO. OF JOINTS: 2 jts (63.23') 4742-4748' SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5423.79' KB 4944-4958 NO. OF JOINTS: 2 jts (62.44') TOTAL STRING LENGTH: EOT @ 5487.78' KB Anchor @ 5358' PERFORATION RECORD SUCKER RODS SN 5424' 11-04-05 5423-5429' 24 holes 5376-5384' 11-04-05 5376-5384' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 22' SM 11-16-05 4944-4958' 4 JSPF 56 holes 5423-5429 SUCKER RODS: 1-2' X 3/4" pony rods, 100-3/4" scrapered rods, 100-3/4" plain 11-16-05 4742-4748' 4 JSPF 24 holes rods. 10-3/4" scrapered rods, 6-1 1/2" weight rods 11-17-05 4020-4035' 4 JSPF 60 holes PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger 11-17-05 4000-4010' 4 JSPF 40 holes STROKE LENGTH: 86" PUMP SPEED, SPM: 5 SPM SN @ 5424' EOT @ 5488' NEWFIELD PBTD @ 5622' SHOE @ 5669' Federal 12-13-9-16 TD @ 5700' 2018' FSL & 651' FWL NW/SW Section 13-T9S-R16E Duchesne Co, Utah API #43-013-32651; Lease #UTU-64805

Federal 14-13-9-16

Initial Production: BOPD, Spud Date: 8-16-05 MCFD, BWPD Put on Production: 10-21-05 Wellbore Diagram GL: 5581' KB: 5592' FRAC JOB SURFACE CASING 10-06-05 4921-4932' Frac A1 sands as follows: CSG SIZE: 8-5/8" 38723# 20/40 sand in 208 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 3220 psi w/avg rate of 14.2 BPM. ISIP 2060 psi. WEIGHT: 24# Actual flush: 1176 gal. LENGTH: 7 jts. (301.26') Frac D2 sands as follows: 10-19-05 4582-4595 DEPTH LANDED: 313.11' KB 75389# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi HOLE SIZE:12-1/4" w/avg rate of 24.9 BPM. ISIP 2000 psi. CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. Actual flush: 4376 gal Frac PB8 sands as follows: 10-19-05 4154-4162' 29831# 20/40 sand in 340 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 psi w/avg rate of 14.3 BPM. ISIP 2925 psi. Actual flush: 3898 gal. 10-19-05 3937-4005 Frac GB4 sands as follows: PRODUCTION CASING 60097# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 1420 psi w/avg rate of 14.4 BPM. ISIP 1590 psi. CSG SIZE: 5-1/2" GRADE: I-55 Actual flush: 3864 gal. WEIGHT: 15.5# LENGTH: 127 jts. (5656.84') DEPTH LANDED: 5667.49' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 3937-3950 3997-4005 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 4154-4162 NO. OF JOINTS: 151 jts (4870.74') 4582-4595 TUBING ANCHOR: 4882.74' KB NO. OF JOINTS: 1 jts (32.50') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4918.04' KB NO. OF JOINTS: 2 jts (64.17') TOTAL STRING LENGTH: EOT @ 4983.76' KB Anchor @ 4883' PERFORATION RECORD SUCKER RODS SN 4918' 10-04-05 4921-4932 4 JSPF 44 holes 10-19-05 4582-4895' 4 JSPF 52 holes 4921-4932' POLISHED ROD: 1-1/2" x 22' SM 10-19-05 4154-4162' 4 JSPF 32 holes SUCKER RODS , 1-4' x ½" pony sub, 100-3/4" scrapered rods, 80-3/4" plain rods, 10-3/4" scrapered rods, 6-1 ½" weight rods. 10-19-05 3937-3950' 4 JSPF 52 holes 10-19-05 3997-4005' 4 JSPF 32 holes PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger STROKE LENGTH: 86" PUMP SPEED, 5 SPM NEWFIELD PBTD @ 54507 Federal 14-13-9-16 SHOE @ 5667' 819' FSL & 1940' FWL SE/SW Section 14-T9S-R16E TD @ 5675' Duchesne Co, Utah

API #43-013-32649; Lease #UTU-64805

FEDERAL 13-13-9-16

Spud Date: 04/13/07 Put on Production: 05/23/07

API #43-013-32650; Lease # UTU-64805

GL: 5592' KB: 5604'

Wellbore Diagram

Initial Production: 53 BOPD, 3 MCFD, 88 BWPD

FRAC JOB Cement Top @ Surface Frac CP3 sands as follows: 05/15/07 5528-5533' 14792# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi SURFACE CASING w/avg rate of 24.8 BPM. ISIP 2074 psi. Calc CSG SIZE: 8-5/8" flush: 5526 gal. Actual flush: 5019 gal. GRADE: J-55 05/15/07 5366-5374' Frac CP1 sands as follows: 40830# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 1857 psi WEIGHT: 24# w/avg rate of 22.6 BPM. ISIP 1997 psi. Calc LENGTH: 7 jts. (309.33') flush: 5364 gal. Actual flush: 4868 gal DEPTH LANDED: 319.33' KB Frac A1&3 sands as follows: 05/18/07 4909-4959' HOLE SIZE:12-1/4" 67943# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1919 psi w/avg rate of 24.7 BPM. ISIP 1970 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 4907 gal. Actual flush: 4406 gal. 05/18/07 4628-4642' Frac C sands as follows: PRODUCTION CASING 29975# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1884 psi w/avg rate of 24.7 BPM. ISIP 1910 psi. Calc CSG SIZE: 5-1/2" GRADE: L-55 flush: 4626 gal. Actual flush: 4124 gal WEIGHT: 15.5# Frac D1 sands as follows: 05/18/07 4494-4499 14891# 20/40 sand in 237 bbls Lightning 17 LENGTH: 131 jts. (5793.19') frac fluid. Treated @ avg press of 1954 psi w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc DEPTH LANDED: 5789.19' KB flush: 4492 gal. Actual flush: 3990 gal HOLE SIZE: 7-7/8" Frac GB4&6 sands as follows: CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. 05/18/07 3983-4035' 56438# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of? BPM. ISIP 1685 psi. Calc 3983-3990 flush: 3981 gal. Actual flush: 3910 gal 4027-4035 pump change, updated rod and tubing detail. 7/17/08 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 1/20/2010 Pump change. Updated rod and tubing detail NO. OF JOINTS: 177 jts (5485.73') TUBING ANCHOR: 5485.7' KB NO. OF JOINTS: 2 jts (63.1') SEATING NIPPLE: 2-7/8" (1.10') 4494-4499 SN LANDED AT: 5551.7' KB NO. OF JOINTS: 2 jts (63.1') TOTAL STRING LENGTH: EOT @ 5616' KB 4628-4642 4909-4914' PERFORATION RECORD SUCKER RODS 4949-4959 05/02/07 5528-5533' 4 JSPF 20 holes 05/15/07 5366-5374' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 26' SM polished rods 05/15/07 4949-4959' 4 JSPF 40 holes SUCKER RODS: 1-4' x 3/4" pony rods, 1-6' x 3/4" pony rods, 1-8' x 3/4" pony 05/15/07 4909-4914' 4 JSPF 20 holes rods, 99-3/4" guided rods, 106-3/4" sucker rods, 10-3/4" guided rods, 6-1 1/2" 05/18/07 4628-4642' 4 JSPF 56 holes 5366-5374 05/18/07 4494-4499' 4 JSPF 20 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16 x 20 'RHAC 05/18/07 4027-4035' 4 JSPF 32 holes STROKE LENGTH: 120" 05/18/07 3983-3990' 4 JSPF 28 holes PUMP SPEED, SPM: 5 Anchor @ 5485.7° 5528-5533 SN 5551.7' EOT @ 5616' NEWFIELD PBTD @ 5756' FEDERAL 13-13-9-16 SHOE @ 5789' 555'FSL & 344' FWL TD @ 5800' SW/SW Section 13-T9S-R16E Duchesne Co, Utah

FEDERAL 4-24-9-16

Spud Date: 12/12/07 Put on Production: 02/26/08 GL: 5613' KB: 5625'

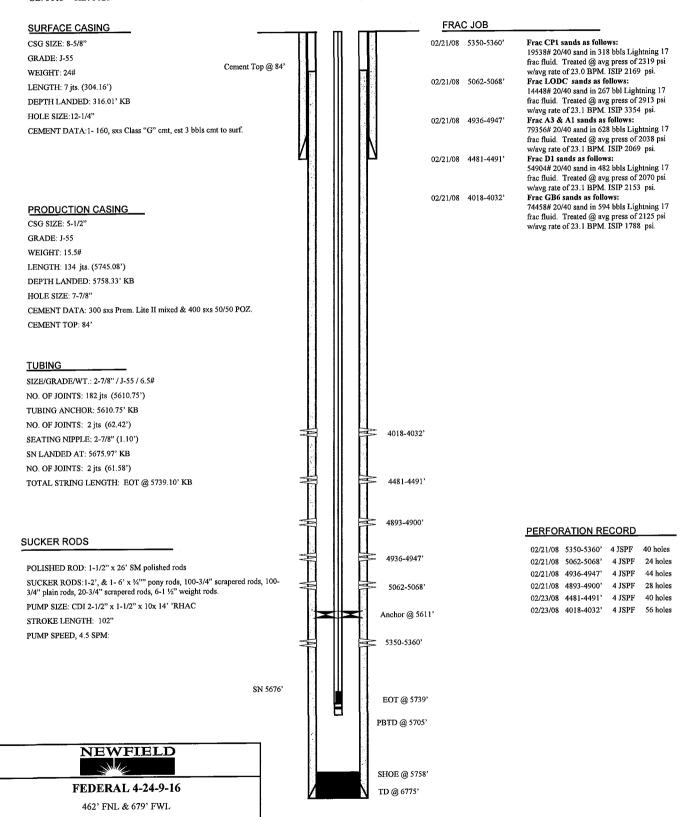
NW/NW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33004; Lease # UTU-15855

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD



Initial Production: BOPD,

FEDERAL 8-23-9-16

Spud Date: 12/13/07 Wellbore Diagram MCFD, BWPD Put on Production: 02/18/08 GL: 5685' KB: 5697' FRAC JOB SURFACE CASING Frac A1 & A3 sands as follows: 135331# 20/40 sand in 1006 bbl Lightning 17 02/12/08 4885-4951' CSG SIZE: 8-5/8" frac fluid. Treated @ avg press of 2046 psi GRADE: J-55 Cement Top @ 803 w/avg rate of 23.4 BPM. ISIP 2249 psi. WEIGHT: 24# Frac B1 sands as follows: 31069# 20/40 sand in 395 bbl Lightning 17 02/12/08 4725-4733' LENGTH: 7 jts. (302.37') frac fluid. Treated @ avg press of 1821 psi w/avg rate of 23.4 BPM. ISIP 1943 psi. DEPTH LANDED: 314.22' KB 02/12/08 4454-4463' Frac D1 sands as follows: HOLE SIZE:12-1/4" 45231# 20/40 sand in 429 bbls Lightning 17 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf. frac fluid. Treated @ avg press of 1900 psi w/avg rate of 23.4 BPM. ISIP 1971 psi. 02/12/08 5000-50523 Frac GB6 sands as follows: 39181# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 1813 psi w/avg rate of 23.4 BPM. ISIP 1702 psi. PRODUCTION CASING Pump Change. Updated rod &tubing details. 9-29-08 CSG SIZE: 5-1/2" Parted rods. Updated rod & tubing details. 7/17/09 GRADE: J-55 WEIGHT: 15.5# LENGTH: 134 jts. (5785.67') DEPTH LANDED: 5797.92' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP: 80' **TUBING** SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 155 jts (4895.32') TUBING ANCHOR: 4907.32' KB NO. OF JOINTS: 2 jts (64.92') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4975.04' KB NO. OF JOINTS: 2 its (64.14') TOTAL STRING LENGTH: EOT @ 5040.73' KB 4015-4024 4454-4463' PERFORATION RECORD SUCKER RODS 4939-4951' 4 JSPF 48 holes 4725-4733' 4885-4902' 4 JSPF 68 holes POLISHED ROD: 1-1/2" x 22' SM polished rods 4725-4733' 4 ISPF 32 holes SUCKER RODS: 1-2', 1-8' X 3/4" Pony Rods, 100-3/4" scrapered rods, 72-4454-4463' 4 JSPF 36 holes 4885-4902' 3/4" plain rods, 20-3/4" scrapered rods, 6-1 1/2" weight rods. 4015-4024' 4 JSPF 36 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15' RHAC w/Sm Plunger Anchor @ 4907' STROKE LENGTH: 86" PUMP SPEED, 5 SPM: 4939-4951' SN 4975 EOT @ 5041' PBTD @ 5738' NEWFIELD SHOE @ 5798' FEDERAL 8-23-9-16 TD @ 5810' 1891' FNL & 535' FEL SE/NE Section 23-T9S-R16W Duchesne Co, Utah API #43-013-32961; Lease # UTU-15855

FEDERAL 1-23-9-16

Spud Date: 12/06/07 Put on Production: 02/11/08 GL: 5651' KB: 5663'

Wellbore Diagram

Cement Top @ 91

Initial Production: BOPD,

MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts (309.17') DEPTH LANDED: 321' HOLE SIZE: 12 1/4

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55

WEIGHT: 15.5# LENGTH: 5815'

HOLE SIZE: 7-7/8

CEMENT TOP: 91'

DEPTH LANDED: 5784

CEMENT DATA: To Surface w/160sx of class 'G' cement

CEMENT DATA: 300 sx of Primlite II and 400 sx of 50/50 poz.

FRAC JOB

Frac CP1 sds w/ 22,746#s of 20/40 sand in 347 bbls 2/19/08 5365-5373 of Lightning 17 fluid. Broke @ 3471 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2152 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1913 psi.

Calc flush: ? Actual Flush: 4830 gals.

2/19/08 4898-4916

Frac A1 & A3 sds w/ 159,791#s of 20/40 sand in 1105 bbls of Lightning 17 fluid. Broke @ 3520 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1790 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3.

ISIP 2091 psi. Calc Flush: ? Actual Flush: 4330 gals.

2/19/08 4951-4963

Frac A1 & A3 sds w/ 159,791#'s of 20/40 sand in 1105 bbls of Lightning 17 fluid. Broke @ 3520 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1790 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2091 psi.

Calc Flush: ? Actual Flush: 4330 gals.

2/19/08 4007-4018

4007-4018

4898-4916'

Anchor @ 5341'

4951-4963'

5365-5373"

EOT @ 5439'

PBTD @ 5740'

TD @ 5817

Frac GB6 sds w/ 43,024#'s of 20/40 sand in 389 bbls of Lightning 17 fluid. Broke @ 3772 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1653 psi @ ave rate of 23.2 BPM. ISIP 1697 psi.

Calc flush:? Actual Flush: 3948 gals.

10/8/08 Pump change. Updated rod & tubing details. 2/1/2010 Pump change. Updated rod and tubing detail.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 170 jts (5340.8') TUBING ANCHOR: 5340.8' KB NO. OF JOINTS: 1 jt (31.3') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5374.9' KB NO. OF JOINTS: 2 jts (62.8')

TOTAL STRING LENGTH: EOT @ 5439' KB

PERFORATION RECORD

02/12/08 5365-5373 32 holes 02/19/08 4951-4963 4 JSPF 48 holes 02/19/08 4898-4916 4 ISPF 72 holes 4007-4018 02/19/08 4 JSPF 44 holes

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods

SUCKER RODS: 1-2' x 3/4" pony rod, 2-16' x 3/4" pony rods, 100-3/4" guided rods, 89-34" sucker rods, 20-34" guided rods, 6-11/2" weight bars

PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC

STROKE LENGTH: 74" PUMP SPEED: 4 SPM

SN 5375

NEWFIELD

FEDERAL 1-23-9-16

632' FNL & 472' FEL

NE/NE Section 23-T9S-R16E

Duchesne Co, Utah

API #43-013-33002; Lease # U-15855

FEDERAL 2-23-9-16

Initial Production: BOPD, Spud Date: 12/06/07 MCFD, BWPD Put on Production: 02/11/08 Wellbore Diagram GL: 5678' KB: 5690' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 02/05/08 4910-4938' Frac A1 sands as follows: 170350# 20/40 sand in 1190 bbl Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1318 psi w/avg rate of 23.6 BPM. ISIP 1809 psi. WEIGHT: 24# Frac C sands as follows: 14890# 20/40 sand in 264 bbl Lightning 17 frac fluid. Treated @ avg press of 1847 psi 02/06/08 4621-4629 Cement Top @ 156 LENGTH: 7 jts. (312.96') DEPTH LANDED: 324.81' KB w/avg rate of 23.5 BPM. ISIP 1806 psi. HOLE SIZE:12-1/4" 02/06/08 4493-4500' Frac D1 sands as follows: 9119# 20/40 sand in 237 bbls Lightning 17 CEMENT DATA:1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf. frac fluid. Treated @ avg press of 2210 psi w/avg rate of 23.5 BPM. ISIP 2088 psi. Pump change. Updated rod & tubing details. 8-1-08 Pump change. Updated rod and tubing detail 12/21/09 PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 135 jts. (5818.10') DEPTH LANDED: 5831.23' KB HOLE SIZE: 7-7/8' CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 poz. CEMENT TOP: 156' **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 154 jts (4888') TUBING ANCHOR: 4888' KB NO. OF JOINTS: 2 jts (62.8') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4953.6' KB NO. OF JOINTS: 2 jts (64.2') TOTAL STRING LENGTH: EOT @ 5019' KB PERFORATION RECORD SUCKER RODS 4910-4938' 4 JSPF 112 holes 4493-4500' 4621-4629' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 26' 4493-4500' 4 JSPF 28 holes SUCKER RODS: 1-2'x 3/4" pony rod, 1-4'x 3/4" pony rod, 1-6'x 3/4" pony 4621-4629' rod, 1-8'x 34" pony rod, 100-34" guided rods, 72-34" guided rods, 20-34" guided rods, 6-1 1/2" weight bars Anchor @ 4888' PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC STROKE LENGTH: 102" 4910-4938 PUMP SPEED, SPM: 5 SN 4954' EOT @ 5019' PBTD @ 5757' NEWFIELD SHOE @ 5831' **FEDERAL 2-23-9-16** TD @ 5825' 760' FNL & 2032' FEL NW/NE Section 23-T9S-R16E Duchesne Co, Utah API #43-013-33003; Lease # UTU-15855

ATTACHMENT E9

Jonah Federal 9-14-9-16

Spud Date: 05/13/05 Put on Production: 06/15/05 GL: 5571' KB: 5583'

SURFACE CASING

LENGTH: 7 jts. (304.57') DEPTH LANDED: 314.57 HOLE SIZE: 12-1/4"

CSG SIZE: 8-5/8'

GRADE: J-55

WEIGHT:24#

Injection Wellbore Diagram

Cement top @ 160

Initial Production: 46 BOPD, 111 MCFPD, 45 BWPD

FRAC JOB

06/07/05 5414'-5540' Frac CP4 and CP2 sand as follows: 40,739#'s of 20/40 sand in 416 bbls lightning 17 frac fluid. Treated w/avg press of 1595 psi, w/avg rate of 24.9 bpm. ISIP 1780 psi. Calc flush: 5412 gal. Actual flush:

5166 gal.

Frac A3 sand as follows: 06/07/05 4954'-4973'

70,185#'s of 20/40 sand in 538 bbls lightning 17 frac fluid. Treated w/avg press of 1763 psi. ISIP 2170 psi. Calc flush: 4952 gal. Actual flush: 4704 gal.

06/08/05 4733'-4738'

Frac B1 sand as follows: 20,210#'s of 20/40 sand in 253 bbls lightning 17 frac fluid. Treated w/avg press of 2085 psi, w/ avg rate of 24.8 bpm. ISIP 2050 psi. Calc flush: 4731 gal. Actual flush: 4494 gal.

Frac GB6 sand as follows: 06/08/05 4016'-4047'

38,754#'s of 20/40 sand in 347 bbls lightning 17 frac fluid. Treated w/avg press of 1704 psi w/avg rate of 24.7 bpm. ISIP 1840 psi. Calc flush: 4014 gal. Actual flush: 3948 gal.

10-23-06 Well Converted to Injection Well. 11-10-06 MIT to complete Conversion.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 136 jts. (5772.05') DEPTH LANDED: 5770.05' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix

CEMENT DATA: 160 sks Class "G" cement, est. 6 bbls cement to surface

CEMENT TOP @ 1603

TUBING

SIZE/GRADE/WT.: 2 7/8" / 6.5# / J-55 NO. OF JOINTS: 121 jts. (3937.79') NO. OF JOINTS: 1 jt. (32.55') SN LANDED AT: 1.10' (5546.06') NO. OF JOINTS: 2 jts. (65.66') TOTAL STRING LENGTH EOT: 3958

PERFORATION RECORD

06/01/05 5531'-5540' 4 JSPF 36 holes 06/01/05 5414'-5419' 4 JSPF 20 holes 4954'-4973' 06/07/05 4 JSPF 76 holes 06/07/05 4733'-4738' 4 JSPF 20 holes 4042'-4047' 20 holes 06/08/05 06/08/05 4016'-4024' 4 JSPF 32 holes

NEWFIELD

Jonah Federal 9-14-9-16

1785' FSL & 508' FEL NE/SE Section 14-T9S-R16E

Duchesne Co, Utah

API 43-013-32661; Lease UTU-096550

PBTD: 5726'

Packer @ 3954'

4016'-4024

4042'-4047'

4733'-4738'

4954'-4973'

5414'-5419'

5531'-5540'

ATTACHMENT E-10

Jonah Federal 15-14-9-16

Initial Production: BOPD 42, Spud Date: 5-4-05 MCFD 13, BWPD 161 Put on Production: 6-10-05 Injection Wellbore Diagram GL: 5631' KB: 5643' FRAC JOB 4628-4643 Frac C sand as follows: 6-1-05 57,701#'s 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of2180 psi SURFACE CASING w/avg rate of 24.5 BPM. ISIP 3700 psi. CSG SIZE: 8-5/8" Screened out short of flush Frac D1 sand as follows: 6-2-05 4498-4508 GRADE: I-55 69.795#'s 20/40 sand in 533 bbls Lightning WEIGHT: 24# 17 frac fluid. Treated @ avg press of 1589 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc LENGTH: 7 jts. (302-46') flush: 4496 gal. Actual flush: 4200 gal. DEPTH LANDED: 314.31' KB Cement top @ 410' 6-2-05 4040-4068 FracGB6 sand as follows: HOLE SIZE:12-1/4" 28,155#'s 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2233 psi CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. w/avg rate of 24.6 BPM. ISIP 3450 psi. Screened out short of flush Frac GB2 & GB4 sand as follows: 6-6-05 3936-3942 PRODUCTION CASING 29,409#'s 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 24.4 BPM. ISIP 1900 psi. Calc CSG SIZE: 5-1/2" GRADE: I-55 flush: 3934 gal. Actual flush: 3881 gal WEIGHT: 15.5# 11/2/06 Well converted to an Injection well. LENGTH: 139 jts. (5888.88') MIT completed and submitted. 11/21/06 DEPTH LANDED:5902.13' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ. CEMENT TOP AT: 410' **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 116 its (3877.64') Packer @ 3894' SEATING NIPPLE: 2-7/8" (1.10') EOT @ 3898' SN LANDED AT: 3889.64' KB TOTAL STRING LENGTH: EOT @ 3898.24' KB 3936'-3942' 3991'-3995' 4040'-4046' 4064'-4068' PERFORATION RECORD 5-25-05 4628-4643 4 ISPF 60 holes 6-2-05 4498-4508' 4 JSPF 40 holes 4040-4046' 24 holes 6-2-05 4 JSPF 4064-4068' 4 JSPF 16 holes 4498'-4508' 4 JSPF 3991-3995 16 holes 6-2-05 6-2-05 3936-3942' 4 JSPF 24 holes 4628'-4643' NEWFIELD PBTD @5768' Jonah Federal 15-14-9-16 SHOE @ 5902' 610' FSL & 2096' FEL SW/SE Section 14-T9S-R16E TD @ 5910' Duchesne Co, Utah

API #43-013-32689; Lease #UTU-096547

ATTACHMENT E-11

Jonah Federal 11-14-9-16

Spud Date: 5/25/05 Put on Production: 6/24/05

> 2030' FSL & 2160' FWL NE/SW Section 14-T9S-R16E

Duchesne Co, Utah
API #43-013-32681; Lease #UTU-096547

GL: 5621' KB: 5633'

Injection Wellbore Diagram Initial Production: 115 BOPD, 15 MCFD, 114 BWPD

FRAC JOB 6/20/05 5557'-5572' Frac CP3 sands as follows: 55,674# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 25.2 BPM. ISIP 1850 psi. Calc Cement top @ 140' SURFACE CASING flush: 5555 gal. Actual flush: 5544 gal. CSG SIZE: 8-5/8" Frac A3 sands as follows: 6/20/05 4982'-5007 GRADE: J-55 95,489# 20/40 sand in 692 bbls Lightning 17 WEIGHT: 24# frac fluid. Treated @ avg press of 2096 psi w/avg rate of 24.9 BPM. ISIP 2330 psi. Calc LENGTH: 7 jts. (304.17') flush: 4980 gal. Actual flush: 4998 gal. DEPTH LANDED: 314.17' KB Frac C&B1 sands as follows: 6/20/05 4675'-4754' 62,157# 20/40 sand in 479 bbls Lightning 17 HOLE SIZE: 12-1/4" frac fluid. Treated @ avg press of 1650 psi CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. w/avg rate of 25 BPM. ISIP 1920 psi. Calc flush: 4673 gal. Actual flush: 4578 gal. 09/12/06 Pump Change. Update rod and tubing details. PRODUCTION CASING 11/7/06 Convert to Injection Well CSG SIZE: 5-1/2" 11/10/06 MIT Completed - thg deatail updated GRADE: J-55 WEIGHT: 15.5# LENGTH: 138 jts. (5835.87') DEPTH LANDED: 5833.87' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP AT: 140° SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 147 jts (4594.85') SN LANDED AT: 1.10' (4606.85') CE @ 4611.05' Packer @ 4611' TOTAL STRING LENGTH: EOT @ 4615.45' KB EOT @ 4615' 4675'-4685' 4749'-4754' PERFORATION RECORD 60 holes 6/14/05 5557'-5572' 4 JSPF 4982'-5007' 6/20/05 4982'-5007' 4 JSPF 100 holes 6/20/05 4749'-4754' 4 JSPF 20 holes 6/20/05 4675'-4685' 4 JSPF 40 holes 5557'-5572' NEWFIELD PBTD @ 5790' Jonah Federal 11-14-9-16 SHOE @ 5834'

TD @ 5935'

ATTACHMENT E-12

Jonah Federal 10-14-9-16

Spud Date: 5-18-05 Put on Production: 6-23-05 GL: 5607' KB: 5619'

Jonah Federal 10-14-9-16 1730' FSL & 1820' FEL NW/SE Section 14-T9S-R16E Duchesne Co, Utah API #43-013-32662; Lease #UTU-96547

Wellbore Diagram

Initial Production: 55 BOPD, 22 MCFD, 232 BWPD

FRAC JOB SURFACE CASING Frac LODC sand as follows: CSG SIZE: 8-5/8° 6-15-05 5109-5139' 40770#'s 20/40 sand in 380 bbls Lightning GRADE: J-55 17 frac fluid. Treated @ avg press of 3040 psi w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc WEIGHT: 24# Cement Top@ 90 flush: 5107 gal. Actual flush: 4872 gal. LENGTH: 7 jts. (303') 6-15-05 4980-5007 Frac A3 sand as follows: 110,559#'s 20/40 sand in 774 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi DEPTH LANDED: 314.85' KB HOLE SIZE: 12-1/4" w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 4978 gal. Actual flush: 4746 gal. 6-16-05 4808-4817 Frac B2, sand as follows: 40877#'s 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2399 psi w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc flush: 4806 gal. Actual flush: 4536 gal. Frac GB2 sand as follows: 6-16-05 3937-3946 PRODUCTION CASING 29376#'s 20/40 sand in 281 bbls Lightning 17 frac fluid. Treated @ avg press of 1585 psi w/avg rate of 14.3 BPM. ISIP 2100 psi. Calc CSG SIZE: 5-1/2" 3937-3946 GRADE: J-55 flush: 3935 gal. Actual flush:3864 gal. WEIGHT: 15.5# Pump Change. Update rod and tubing details. 04/24/06 LENGTH: 137 jts. (5796.74') 6/11/08 Pump Change. Updated rod and tubing detail DEPTH LANDED: 5809.99' KB HOLE SIZE: 7-7/8" CEMENT DATA: 310 sxs Prem. Lite II & 400 sxs 50/50 POZ. 4653-4663 CEMENT TOP AT: 90' 4808-4817 **TUBING** 4980-5007 SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 156 jts (5079.07') TUBING ANCHOR: 5091.07' KB NO. OF JOINTS: 2 jts (64.14') SEATING NIPPLE: 2-7/8" (1.10') Anchor @5091' SN LANDED AT: 5158.01' KB NO. OF JOINTS: 2 its (65.04') 5109-5113' TOTAL STRING LENGTH: EOT @ 5224.60' KB 5131-5139' PERFORATION RECORD SN @ 5158' SUCKER RODS 6-10-05 5109-5113" 4 ISPF 16 holes 6-10-05 5131-5139' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 22' polished rods 6-13-05 4808-4817' 4 JSPF 36 holes SUCKER RODS: 1-8', 1-6' & 1-2' 3/4" ponies, 99-3/4" scrapered rods, 90-3/4" EOT @ 5225' 108 holes 6-13-05 4980-5007' 4 JSPF plain rods, 10-3/4" scrapered rods, 6-1 1 1/2" weighted rods 4 ISPF 6-16-05 3937-3946' 36 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14 1/2' RHAC w/ SM plunger 6-16-05 4653-4663 4 JSPF 40 holes STROKE LENGTH: 86" PUMP SPEED, 4.5 SPM PBTD @ 5766' NEWFIELD SHOE @ 5810' TD @ 5862'

Jonah Federal M-14-9-16

Spud Date: 01/14/2010 Put on Production: 02/19/2010

Wellbore Diagram

GL: 5589' KB: 5601'

SURFACE CASING Cement Top @ 80' CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts. (308.53') DEPTH LANDED: 320' HOLE SIZE: 12-1/4" CEMENT DATA: 160 sxs Class "G" cmt PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 145 its. (6028.58') HOLE SIZE: 7-7/8" TOTAL DEPTH: 6041 833 CEMENT DATA: 260 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP AT: 80' TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 177 jts (5554.3') TUBING ANCHOR: 5566' NO. OF JOINTS: 1 jts (31.4') SEATING NIPPLE: 2-7/8" (1.1') 3958-3965 SN LANDED AT: 5600.6' KB NO. OF JOINTS: 2 jts (63') 4125-4133 TOTAL STRING LENGTH: EOT @ 5665' 4870-4872 SUCKER RODS 4877-4879 POLISHED ROD: 1-1/2" x 30' SUCKER RODS: 1 - 6' x 7/8" pony rods, 219 - 7/8" 8per guided rods, 4921-4931 4 - 1 1/2" weight bars PUMP SIZE: 2 1/2 x 1 1/2 x 17' x 24' RHAC 5120-5130' STROKE LENGTH: 144 PUMP SPEED: SPM 5 Anchor @ 5566' 5594-5599 SN @ 5601' EOT @ 5665' **NEWFIELD** PBTD @ 5966'

FRAC JOB 02-19-10 5594-5599' Frac CP2 sands as follows: Frac with 9412# 20/40 sand in 62 bbls Lightning 17 fluid. 02-19-10 5120-5130 Frac A3 sands as follows: Frac with 45196# 20/40 sand in 214 bbls Lightning 17 fluid. 02-19-10 4870-4931' Frac B1 & B2 sands as follows: Frac with 75309# 20/40 sand in 331 bbls Lightning 17 fluid. Frac GB4 sands as follows: Frac with 02-19-10 4125-4133' 24572# 20/40 sand in 151 bbls Lightning 17 fluid. 02-19-10 3958-3965 Frac GB2 sands as follows: Frac with 12499# 20/40 sand in 71 bbls Lightning

17 fluid.

PERFORATION RECORD

5594-5599' 3 JSPF 15 holes 5120-5130' 3 JSPF 30 holes 4921-4931' 3 JSPF 4877-4879' 3 JSPF 6 holes 4870-4872' 3 JSPF 6 holes 4125-4133' 3 JSPF 24 holes 3958-3965' 3 JSPF 21 holes

TD @ 6055'

Jonah Federal M-14-9-16

1878' FNL & 1949' FWL (SE/NW) Section 14, T9S, R16E Duchesne Co, Utah API # 43-013-33812; Lease # UTU-096547

Jonah Fed LA-14-9-16

Wellbore Diagram

Cement top @ 104

SN @ 5154

Spud Date: 12/19/2008 Put on Production: 1/27/2009

GL: 5606' KB: 5618'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts (315.79') DEPTH LANDED: 326.79' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 158 its (6228.67') DEPTH LANDED: 6045.44 HOLE SIZE: 7-7/8"

CEMENT DATA: 280 sx primlite and 415 sx 50/50 poz

CEMENT TOP AT: 104'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 162 jts (5107.33') TUBING ANCHOR: 5119.33' KB NO. OF JOINTS: 1 it (31.63') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5153.76' KB NO. OF JOINTS: 2 jts (63.12') TOTAL STRING LENGTH: EOT @ 5218.43'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod

SUCKER RODS: 1-2', 8' x 7/8" pony subs, 201-7/8" guided rods (8 per), 4-1 1/2" weight bars, shear coupler

PUMP SIZE: 1 1/2" x 1 3/4" x 20' RHAC central hydraulic pump

STROKE LENGTH: 122" PUMP SPEED, SPM: 5

NEWFIELD

Jonah LA-14-9-16

1906' FNL & 732' FEL

SE/NE Section 14-T9S-R16E

Duchesne Co, Utah

API # 43-013-34164; Lease # UTU-096550

4094-4105'

4161-4170'

4809-4819

5020-5026'

EOT @ 5218'

PBTD @ 6004'

TD @ 6045'

Anchor @ 5119'

FRAC JOB

5130-5142' Frac A3 sds as follows:

49,252# 20/40 sand in 460 bbls of Lightning 17 fluid. Broke @ 2780 psi. Treated w/ ave pressure of 2065 psi w/ ave rate of 22.9 BPM. ISIP 2290 psi. Actual flush: 4624 gals.

1/20/09 5020-5026' Frac A.5 sds as follows:

24,711# 20/40 sand in 367 bbls of Lightning 17 fluid. Broke @ 4040 psi. Treated w/ ave pressure of 2423 psi w/ ave rate of 22.9 BPM. ISIP 2411 psi. Actual flush: 4515 gals.

4809-4819 1/20/09 Frac C sds as follows:

24,955# 20/40 sand in 350 bbls of Lightning 17 fluid. Broke @ 3045 psi. Treated w/ ave pressure of 2300 psi w/ ave rate of 23.0 BPM. ISIP 3472 psi. Actual flush: 4221 gals.

Frac GB6 sds as follows: 4161-4170

55,178# 20/40 sand in 477 bbls of Lightning 17 fluid. Broke @ 3936 psi. Treated w/ ave pressure of 1800 psi w/ ave rate of 23.2 BPM. ISIP 1734 psi. Actual flush: 3738 gals.

4094-4105' Frac GB4 sds as follows:

1720/09 4094-4109
Frac GP4 80 as 1010/95.

Frac GP4 80 as 1010/95. psi. Actual flush: 4007 gals.

PERFORATION RECORD

1/20/09 4094-4105' 4 JSPF 44 holes 1/20/09 4161-4170' 4 JSPF 36 holes 1/20/09 4809-4819' 4 JSPF 40 holes 24 holes 1/20/09 5020-5026' 4 JSPF 1/20/09 5130-5142' 4 JSPF 48 holes

ATTACHMENT F

multi-cher

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

Production Company: NEWFIELD PRODUCTION 5274 Portland OR

Well Name: JONAH 16-14-9-16

Sample Point: Tank Sample Date: 6 /25/2010 Sales Rep: Randy Huber Lab Tech: John Keel

ľ	٧a	ter	Ar	ialy	SIS	Re	por	į

Sample ID: WA-42894

Sample Specifi	cs
Test Date:	6/25/2010
Temperature (°F):	140
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0160
pH:	8.3
Turbidity (NTU):	
Calculated T.D.S. (mg/L)	21497
Molar Conductivity (µS/cm):	32572
Resitivity (Mohm):	0.3070

	Analysis @ Prope
Cations	mg/L
Calcium (Ca):	60.00
Magnesium (Mg):	60.00
Barium (Ba):	3.00
Strontium (Sr):	
Sodium (Na):	7832.00
Potassium (K):	
Iron (Fe):	0.11
Manganese (Mn):	0.08
Lithium (Li):	
Aluminum (Al):	
Ammonia NH ₃ :	-

Anions	mg/L
Chloride (CI):	11000.00
Sulfate (SO ₄):	856.00
Dissolved CO ₂ :	
Bicarbonate (HCO ₃):	1586.00
Carbonate (CO ₃):	
H ₂ S:	100.00
Phosphate (PO ₄):	
Silica (SiO ₂):	
Fluoride (F):	-
Nitrate (NO ₃):	-
Lead (Pb):	
Zinc (Zn):	
Bromine (Br):	
Boron (B):	

		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl											
Test	Conditions	Calcium Carbonate		Gypsum CaSO 4: 2H 2O		Calcium Cas		Strontium Sulfate SrSO a		Barium S BaS0		Calculated CO ₂	
Temp	Gauge Press.	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi	
140	O O	17.04	55.76	0.02	-2131.00	S. C.	-2126.00	-	Tie	15.32	4.76	0.15	
80	0	9.83	40.44	0.02	34.21	0.01	-2919.70	-	4	52.64	5.00	0.08	
100	0	12.69	48.13	0.02	41.90	0.01	-2738.40			34.15	4.95	0.10	
120	0	15.12	53.14	0.02	47.03	0.02	-2460.10			22.64	4.87	0.11	
140	0	17.04	55.76	0.02	49.82	0.02	-2126.00		-	15.32	4.76	0.12	
160	0	18.16	55.60	0.03	49.82	0.03	-1772.20	-	-	10.55	4.61	0.13	
180	0	18.36	52.65	0.03	47.05	0.04	-1426.30	-	-	7.37	4.40	0.14	
200	0	17.71	47.53	0.03	42.28	0.05	-1107.10	-	-	5.22	4.12	0.14	
220	2.51	16.28	41.64	0.04	36.96	0.08	-839.92	-	*	3.65	3.70	0.14	
240	10.3	14.61	35.08	0.04	31.12	0.12	-598.14	-		2.63	3.15	0.14	
260	20.76	12.80	28.99	0.04	25.77	0.19	-398.27	-		1.91	2.42	0.14	
280	34.54	11.01	23.73	0.04	21.18	0.31	-238.15	-		1.40	1.45	0.14	
300	52.34	9.34	19.34	0.05	17.36	0.52	-114.09	-		1.03	0.15	0.15	

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temps from 80°F to 300°F

Friday, June 25, 2010 **Multi-Chem Production Chemicals** Page 1 of 2 Excellence Innovation Commitment Ethics

ATTACHMENT

2062

Multi-Chem Group, LLC

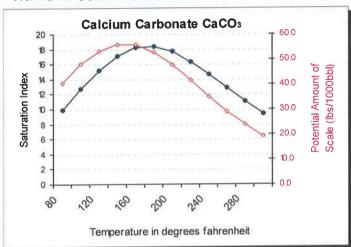
Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078



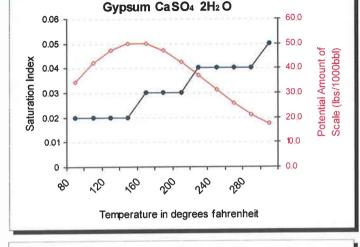
Sample ID: WA-42894

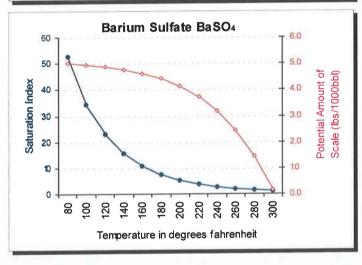
Scale Prediction Graphs

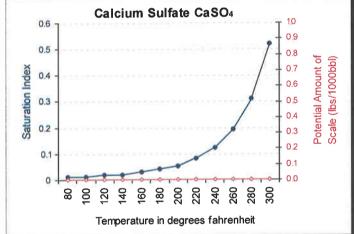
Well Name: JONAH 16-14-9-16











Attachment "G"

Jonah Federal 16-14-9-16 Proposed Maximum Injection Pressure

Frac I	nterval	Calculated Frac								
(fe	eet)	Avg. Depth	ISIP	Gradient						
Top	Bottom	(feet)	(psi)	(psi/ft)	Pmax					
5374	5380	5377	3370	1.06	3335					
5122	5132	5127	2720	0.96	2687					
4916	4954	4935	2200	0.88	2168					
4036	4042	4039	1830	0.89	1804 ←					
				Minimum	1804					

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



ATTACHMENT G-1

1048

WELL N	AME: Jonah Fed	eral 16-14-9-16	Report Date:	11-2-05	<u> </u>		Day: 01
	ation: Complet	ion			Rig:	Rigless	
		WE	LL STATUS		<u> </u>		
Surf Csg:	8-5/8' @ 310 '		Csg: <u>5-1/2"</u>	@ <u>580</u>		_	5686'WL
Tbg:	Size: W	/t: Grd: _	Pkr/E0	OT @:	BP/Sa	nd PBTD:	
		PERFO	RATION RECORI)			
<u>Zone</u>	<u>Perfs</u>	SPF/#shots	<u>Zo</u>	-	<u>Perfs</u>		SPF/#shots
	·						
				 -			
						<u> </u>	
CP2 sds	5374-5380'	4/24					
			OGICAL OPERAT		ITD.	SICP:	۸
		01-Nov-05			SITP:		
Instal 5M	frac head. NU 6" 5N	1 Cameron BOP. RU	J H/O truck & pre	ssure test ca	asing, bilna ra	ams, trac	nead, csg a
casing valv	es to 4500 psi. RU P	erforators LLC WLT \	w/ mast & run CBL	_ under press	sure. WLID (@ 2686.5	s cement top
ര 270' Pa	erforate stage #1, CP	2 sds @ 5374-5380'	w/ 4" Port guns (19 gram, .40	3"HE. 120°) v	v/ 4 spf fo	or total of 2
	bbls EWTR. SIFN.			. •			
511015. 131	DDIS EVVIIV. OII IV.						
		_					
			ECOVERY (BBL	_			
•	d load to be recovered ecovered today:		Starting oil rec to d Dil lost/recovered t		 		
	to be recovered:		Cum oil recovered:	-	. ,		
_	FFL:		oke:		Rate:	Final	oil cut:
		ATION DETAIL			CO	STS	
Base Fluid	used:			V	Veatherford B		\$140
Company:				<u>-</u>	NPC NU c	rew	\$300
Procedure 6	or Equipment detail:	_		M	arcus Ladell t	rkg	\$600
					Perforators L	<u>LC</u>	\$5,019
·					Drilling o	ost	\$257,695
				·	Zubiate Hot	Oil	\$381
				Loc	ation prepara	tion	\$300
					NPC wellhe		\$1,500
			-		Benco - anch	ors	\$1,200
				·	Admin. Overhe	ead	\$3,000
				. <u></u>	NPC Supervi		\$300
Max TP:	Max Rate:	Total fluid pr	npd:		7.20		
	Avg Rate:					<u>-</u> _	
_	5 min:	10 min:	FG:	DA	LY COST:	_	\$270,435
	tion Supervisor:	Ron Shuck		TOTA	L WELL CO	ST:	\$270,435



ATTACHMENT G-1

2048

<u>WELL NAMI</u>	<u> </u>		.topo.todator	Nov.	3, 2000		L	
Operatio	n: Completion				Rig:	Rigles	SS	
		WEL	L STATUS					
Surf Csg: 8-5	/8' @ 310 '	Prod Cs		@ _	5803'	Csg PB	TD: _	5686'WL
Tbg: Siz		Grd:	Pkr/EC)T @:		BP/Sand PB	TD: _	_
		PFRFOR/	ATION RECORE)				
<u>Zone</u>	<u>Perfs</u>	SPF/#shots	Zoi	_		<u>Perfs</u>	<u>s</u>	PF/#shots
				<u>.</u>			_	
<u></u>							_	
	· · · · · · · · · · · · · · · · · · ·							
CP2 sds	5374-5380'	4/24					_	_
							_	
			ICAL OPERAT	<u>ONS</u>	CITD.	e.	CD.	0
Date Work Per	formed: Nov.	8, <u>2005</u>			SIIP:	SIC	CP:_	0
See day 2(b)								
		FI LIID REC	COVERY (BBLS	3)				
Starting fluid lo	ad to be recovered:		rting oil rec to d	_		= 		
Fluid <u>lost/</u> recov	· — —		lost/recovered to	oday:				
Ending fluid to IFL:	be recovered: 4		!!					
			m oil recovered:	Final F			nal oil	l cut:
	FFL: F	TP:Chok	m oil recovered:	Final F	luid Rate:	Fi	nal oil	l cut:
Page Fluid used	FFL: F	TP:Chok	e:	Final F	luid Rate:	Fil COSTS	nal oil	
Base Fluid used	FFL: F STIMULATIO d: Lightning 17	TP:Chok		Final F	luid Rate: Weath	Fi	nal oil	1 cut:\$140 \$600
Company:	STIMULATIO BJ Services	TP:Chok ON DETAIL Job Type:Sa	and frac	Final F	luid Rate: Weath Be	File COSTS erford BOP	nal oil	\$140
Company: Procedure or Ed	STIMULATIO E. Lightning 17 BJ Services quipment detail:	TP:Chok	and frac	Final F	luid Rate: Weath Be	COSTS erford BOP etts frac wtr	nal oil	\$140 \$600
Company: Procedure or Ec	STIMULATIO E. Lightning 17 BJ Services quipment detail:	TP:Chok ON DETAIL Job Type:Sa CP2 san	and frac	Final F	Weath Be	COSTS erford BOP etts frac wtr PC fuel gas	nal oil	\$140 \$600 \$80
Company: Procedure or Ec 2500 gais 1915 gais	STIMULATIO d: Lightning 17 BJ Services quipment detail: s of pad	TP:Choke ON DETAIL Job Type:Sa CP2 san sand	and frac	Final F	Weath Be BJ Services	COSTS erford BOP etts frac wtr PC fuel gas vices - CP2	nal oi	\$140 \$600 \$80 \$16,923
Company: Procedure or Edition 2500 gais 1915 gais 4855 gais	STIMULATIO STIMULATIO SE Lightning 17 BJ Services Quipment detail: SE of pad SE W/ 1-4 ppg of 20/40 services	TP:Choke ON DETAIL Job Type:San CP2 san sand 0 sand	and frac	Final F	Weath Be BJ Services	COSTS erford BOP etts frac wtr PC fuel gas vices - CP2 ord service	nal oil	\$140 \$600 \$80 \$16,923 \$975
Company: Procedure or Ec 2500 gals 1915 gals 4855 gals Flush W/	STIMULATION STIMU	TP:Choke ON DETAIL Job Type:San CP2 san sand 0 sand	and frac	Final F	Weath Be BJ Services	COSTS erford BOP etts frac wtr PC fuel gas vices - CP2 ord service	nal oil	\$140 \$600 \$80 \$16,923 \$975
Company: Procedure or Ed 2500 gais 1915 gais 4855 gais Flush W/ Flush W/	STIMULATION STIMU	TP:Chok ON DETAIL Job Type:San CP2 san sand 0 sand r acid	and frac	Final F	Weath Be BJ Services	COSTS erford BOP etts frac wtr PC fuel gas vices - CP2 ord service	nal oi	\$140 \$600 \$80 \$16,923 \$975
Company: Procedure or Ed 2500 gais 1915 gais 4855 gais Flush W/ Flush W/	STIMULATION STIMU	TP:Chok ON DETAIL Job Type:San CP2 san sand 0 sand r acid	and frac	Final F	Weath Be BJ Services	COSTS erford BOP etts frac wtr PC fuel gas vices - CP2 ord service	nal oil	\$140 \$600 \$80 \$16,923 \$975
Company: Procedure or Ec 2500 gals 1915 gals 4855 gals Flush W/ Flush W/ Flush W/ **Flush ca	STIMULATIO d: Lightning 17 BJ Services quipment detail: s of pad s W/ 1-4 ppg of 20/40 s W/ 4-6.5 ppg of 20/40 168 gals of slick wate 210 gals of 15% HCL 4956 gals of slick wate	TP:Choke ON DETAIL Job Type:Sa CP2 san sand 0 sand r acid er les 2 bbls pump/line	and frac	Final F	Weath Be BJ Services	COSTS erford BOP etts frac wtr PC fuel gas vices - CP2 ord service	nal oil	\$140 \$600 \$80 \$16,923 \$975
Company:	STIMULATION STIMU	TP:Choke N DETAIL Job Type:San CP2 san sand 0 sand r acid er les 2 bbls pump/line PM Total fluid pmp	and frac ds volume** d: 360 bbls	Final F	Weath Be BJ Services	COSTS erford BOP etts frac wtr PC fuel gas vices - CP2 ord service	nal oil	\$140 \$600 \$80 \$16,923 \$975
Procedure or Ec 2500 gals 1915 gals 4855 gals Flush W/ Flush W/ Flush W/ **Flush Ca Max TP: 372 Avg TP: 268	STIMULATIO E: Lightning 17 BJ Services quipment detail: S of pad S W/ 1-4 ppg of 20/40 S S W/ 4-6.5 ppg of 20/40 168 gals of slick wate 210 gals of 15% HCL 4956 gals of slick wate alled @ blenderinclud 20 Max Rate: 25.3 Bi 39 Avg Rate: 24.8 Bi	TP:Choke ON DETAIL Job Type:Sa CP2 san sand 0 sand r acid er les 2 bbls pump/line PM Total fluid pmp PM Total Prop pmp	e:and fracand fracand fracand	Final F	Weath Be NI BJ Sen Weatherf	COSTS erford BOP etts frac wtr PC fuel gas vices - CP2 ford service supervision	nal oil	\$140 \$600 \$80 \$16,923 \$975 \$150
Company: Procedure or Ed 2500 gals 1915 gals 4855 gals Flush W/ Flush W/ Flush W/ **Flush ca Max TP: 372 Avg TP: 268 ISIP: 337	STIMULATIO d: Lightning 17 BJ Services quipment detail: s of pad s W/ 1-4 ppg of 20/40 s s W/ 4-6.5 ppg of 20/40 168 gals of slick wate 210 gals of 15% HCL 4956 gals of slick wate alled @ blenderinclud 20 Max Rate: 25.3 Bl 39 Avg Rate: 24.8 Bl 70 5 min:	TP:Choke N DETAIL Job Type:San CP2 san sand 0 sand r acid er les 2 bbls pump/line PM Total fluid pmp	and frac ds volume** d: 360 bbls		Weath Be NI BJ Serv Weatherf	COSTS erford BOP etts frac wtr PC fuel gas vices - CP2 ford service supervision	nal oil	\$140 \$600 \$80 \$16,923 \$975



ATTACHMENT G-/

308

DAILY COMPLETION REPORT

WELL NAM	<u>E:</u> Jonah Federa	Jonah Federal 16-14-9-16			Nov.	9, 2005	<u>)5</u>		Day: <u>02</u>
Operation	on: Completion		_			Rig:	Rig	less	
		WI	ELL STA	TUS					
Surf Csg: 8-5	5/8' @ <u>310'</u>		Csg:		@ _	5803'			5686'WL
Tbg: Siz	xe: Wt: _	Grd: _		Pkr/EO	т @: _		BP/Sand	PBTD:	<u>5230',5050'</u>
		PERFO	RATION	RECORD	<u>)</u>				
<u>Zone</u>	<u>Perfs</u>	SPF/#shots		<u>Zor</u>	<u>1e</u>		<u>Perfs</u>		SPF/#shots
A1 sds	4916-4921'	4/20				-		-	
A3 sds	4942-4954'	4/48						_	
LODC sds	5122-5132'	4/40						-	
CP2 sds	5374-5380'	4/24					<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	-	
-		CHRONOLO	OGICAL	OPERATI	ONS			_	
Date Work Pe	rformed: Nov.	8, 2005				SITP:		SICP:	1927
2632 psi W/ a BWWC & run 4942-54' & A1	· ——	ISIP 2720 psi. ed perf guns. Se de 2 runs total. Le FLUID R 497	Spotted It plug @ eave pres RECOVE Starting of	210 gals 1 5050'. P	15% Herf stage ell. Sli	CL acid in ge #3 W/	flush to co 4 JSPF as 891 BWTF	over st	age #3. RL
IFL:	FFL:	FTP: <u>C</u> h	oke:		Final F	luid Rate:		_Final d	oil cut:
	STIMULATION						COST		
	d: Lightning 17	Job Type:	Sand fra	ac	_		erford BOP	-	\$140
Company:	BJ Services	LODG	aanda		_		etts frac wtr PC fuel gas	_	\$600 \$80
	quipment detail:	LODC s	<u>sanus</u>		_		ces - LODC	-	\$11,032
3300 gals	s W/ 1-4 ppg of 20/40	cand			<u></u>		d frac plugs	-	\$4,800
<u></u>	s W/ 4-6.5 ppg of 20/4						LODC & A	_	\$10,000
	W/ 6.5 ppg of 20/40 s				_		supervision	-	\$150
	84 gals of slick water			.	_	111 0	Super vision	-	Ψ100
	210 gals of 15% HCL				_			-	
	4830 gals of slick wa							-	· · · · · ·
	alled @ blenderinclud		ino volum		_	1.45		•	
	76 Max Rate: 25.2 B			94 bbls	_			-	
	32 Avg Rate: 24.8 B			4,329#				<u>.</u>	
ISIP: 272		10 min:		G: <u>.96</u>		DAILY C	OST:		\$26,802
Completion	Supervisor:	Sary Dietz			1	TOTAL WE	ELL COST:		\$316,105



WELL NAME:	Jonah Federal 1	6-14-9-16	Re	port Date:	Nov.	. 10, 2005			Day: 03
Operation:	Completion					Rig:	Rig	jless	
		W	ELL S	TATUS					
Surf Csg: 8-5/8	@ 310'	_		5-1/2"	@ _	5803'	•		5686'WL
Tbg: Size:	Wt:	Grd: _		Pkr/EC	OT @: _		_BP/Sand	PBTD:	5230',5050'
		PERFO	RATIO	N RECORE	<u>)</u>				
<u>Zone</u>	<u>Perfs</u>	SPF/#shots		Zor	<u>1e</u>		<u>Perfs</u>		SPF/#shots
A1 sds	4916-4921'	4/20						<u>-</u>	
	4942-4954'	4/48							
	5122-5132'	4/40						_	
CP2 sds	5374-5380'	4/24						_	
		CHRONOL	OGICA	L OPERATI	ONS			_	
Date Work Perfo	rmed: Nov. 9	, 2005				SITP:		SICP:	1796
Day 3(a):									
RU BJ Services	and frac stage #3 (A sds) W/ 75,	312# 20	0/40 sand ir	1 591	bbls Lightn	ing frac 17	fluid.	Perfs broke
down @ 3506 psi	. Treated @ ave pres	ss of 1787 psi	W/ ave	rate of 24.9	BPM.	ISIP 2200	psi. Spotte	ed 5 bl	ois 15% HCL
	ver stage #4. Leave	pressure on we	ell. Est	1482 BWTF	≺.				
See day 3(b)									
_									
		FLUID F	RECOV	ERY (BBLS	<u>5)</u>				
Starting fluid load			_	oil rec to da	_			-	
Fluid lost/recovere				recovered to	oday: _			-	
Ending fluid to be IFL:				I recovered:	Final	Fluid Rate:		_ _Final (oil cut:
	STIMULATION	I DETAIL					COST	S	
Base Fluid used:		b Type:	Sand	frac		Weath	erford BOF		\$140
-	BJ Services				_	В	etts frac wti	-	\$1,200
Procedure or Equi	pment detail:	A1 & A3	3 sands	<u>s</u>	_	N	PC fuel gas	<u>s</u>	\$200
5300 gals o	f pad				_	BJ Servi	ces - A sds	<u> </u>	\$17,099
3944 gals V	V/ 1-5 ppg of 20/40 sa	and	- 11-2	<u>.</u>	_	Weather	ord service	<u> </u>	\$975
7872 gals V	V/ 5-8 ppg of 20/40 sa	and	· -		_	NPC	supervision	<u> </u>	\$150
2312 gals V	V/ 8 ppg of 20/40 san	d	,	 	-			-	
Flush W/ 79	8 gals of slick water				-			-	
Flush W/ 21	0 gals of 15% HCL a	cid			-	. <u> </u>		-	
Flush W/ 39	006 gals of slick water	•			_	<u>. </u>		_	
	ed @ blenderinclude				-			_	
	Max Rate: 25.1 BPI		• —	591 bbls	-			-	
Avg TP: 1787 ISIP: 2200	Avg Rate: 24.9 BPI 5 min:	<u>vi_</u> ⊺ota⊩Prop p 10 min:	unba:	75,312# FG: .88	-	DAILY C	OST:	-	\$19,764
Completion S		ry Dietz		<u> </u>		TOTAL WE			\$335,869
•									



ATTACHMENT G-1

WELL N	AME:		Jon	ah Feder	al 16-14-9-1	6 R	Report Date:	Nov	. 10, 2005			Day:	_03
Oper	ation:		Co	ompletio	n				Rig:	Riç	gless		-
						WELL S	STATUS						
Surf Csg:	8-5/8	@		310'		Prod Csg:	5-1/2"	_ @	5803'		PBTD:		
Tbg:	Size:			Wt:		Grd:	Pkr/E	OT @:		BP/Sand			<u> </u>
					P	ERFORATI	ON RECOR	D		BP/Sand	PBID:	41	5 0
Zone			Pe	erfs	<u>-</u> SPF/#			one		<u>Perfs</u>		SPF/#	#shots
GB6 sds		4036		_	4/24								
A1 sds		4916	6 -4 9	21'	4/20						_		
A3 sds		4942			4/48								
LODC sds		5122			4/40		_				_		
CP2 sds		5374	4-53	80.	4/24						_		
	-				CHR	ONOLOGIC	AL OPERAT	TIONS					
Date Work	Perfo	rme	d:	No	v. 9, 2 <u>005</u>				SITP:		SICP:	18	315
Day 3(b):													
RU Black	Warri	or W	LT	& run We	atherford 5	1/2" compo:	site flow-thro	ough fr	ac plug & 4	" ported pe	rf gun.	Set	olug @
4150'. Per	f stage	e #4	(GE	36 sds) (D 4036-42' \	N/ 4 JSPF.	All 1 run.	RU BJ	l Services a	and frac sta	age #4	W/ 2	5,272#
20/40 sand	in 301	bbls	s Lig	htning fra	ac 17 fluid.	Perfs broke	down @ 390	07 psi.	Treated @	ave press	of 204	3 psi \	W/ ave
rate of 24.7	BPM.	ISI	P 18	330 psi. F	RD BJ & WL	T. Begin im	imediate flov	vback (of fracs on	12/64 chok	e @ 1	BPM.	Zones
flowed 5 1/3	2 hrs 8	k die	d. F	Rec 302 E	BTF (est 18%	of combine	ed frac loads	of 164	l6 bbls). Sli	FN W/ est '	1481 B	WIR.	
				 -	FI		VERY (BBL						
Starting flui					1482		ng oil rec to				_		
Fluid lost/re			_		1 4404		st/recovered oil recovered				-		
Ending fluid				ea:	1481 FTP:		on recovered		Fluid Rate:		_ Final	oil cut	:
				ΓΙΜΙΙΙ ΔΤ	ION DETAIL			<u>-</u>		COS	<u></u>		
Base Fluid	used:	Lic			Job Type:	_	d frac		Weatherfo	ord frac plug		\$	2,400
Company:		BJ S			· • • • • • • • • • • • • • • • • • • •			_	В	etts frac wt	<u>r</u>		\$600
Procedure (or Equ	ipme	nt d	etail:		GB6 sands	<u>ì</u>		N	PC fuel gas	<u>s</u>		\$80
2500	gals o	f pac	<u>t</u>					_	BJ Servic	es - GB sds	<u>3</u>	\$	1,795
<u>1915</u>	gals V	V/ 1-	4 pp	g of 20/4	0 sand	_	··-	_	BWW	C - GB6 sds	<u>s</u>	\$	2,402
4276	gals V	V/ 4-	6.5	ppg of 20	/40 sand			_	NPC flo	wback hand	<u>k</u>		\$200
Flush	W/ 39	948 <u>c</u>	gals	of slick w	ater		<u>. </u>	_	<u>NPC</u>	supervision	<u>1</u>		\$150
								_			_		
								_					
								_			_		
							004:::	-			_		
	-				BPM Total		301 bbls	_			_		
•					BPM Total			_	DAUVO	OCT:	_		7 607
	<u>1830</u>		5 m		10 min:		FG: <u>.89</u>	_	DAILY C				57,627
Comple	tion S	upe	rvis	or:	Gary Dietz				TOTAL W	ELL COST	:	\$34	3,496



ATTACHMENT G-1

6048

WELL NAME: Jonah Federal 16-14-9-16	Report	Date:	Nov. 11,	2005			Day:	04
Operation: Completion	<u>_</u>			Rig:	N	C #3		
	WELL STATE	<u>JS</u>		-				
Surf Csg: 8-5/8' @310' Pi	od Csg: 5- 1	1/2"		803'		PBTD:		
Tbg: Size: 2 7/8 Wt: 6.5# Gro	l:J-55	_ Pkr/ <u>EO</u>	<u>T@:3</u>	078'	BP/Sand			
PER	FORATION R	FCORD)		BP/Sand	PB (D:	41	5U'
Zone Perfs SPF/#sho		Zon	-		<u>Perfs</u>		SPF/#	shots
GB6 sds 4036-4042' 4/24						_		
A1 sds 4916-4921' 4/20						_		
A3 sds 4942-4954' 4/48						-		
LODC sds 5122-5132' 4/40 CP2 sds 5374-5380' 4/24	<u> </u>					_		
CP2 sds 5374-5380' 4/24				-		-		
CHRON	OLOGICAL OF	PERATI	ONS					
Date Work Performed: Nov. 10, 2005			<u>.</u>	SITP:		SICP:	1	50
head & NU Weatherford Schaeffer BOP. Talley, new 2 7/8 8rd 6.5# J-55 tbg to 3078'. SIFN W/ est	1451 BWTR.	H VV/ us	sed vveat	пепога	4 3/4 Cn	omp i	DIL, DIL	Sub d
	D RECOVERY							
Starting fluid load to be recovered: 1481 Fluid lost/recovered today: 30	Starting oil I					_		
Fluid lost/recovered today: 30 Ending fluid to be recovered: 1451	Cum oil reco					_		
IFL: FFL: FTP:	Choke:		Final Flui	d Rate:		_ _Final (oil cut	
STIMULATION DETAIL	<u> </u>				COST	<u>s</u>		
Base Fluid used: Job Type:					NC #3 rig	<u>1</u>	\$	1,601
Company:			_We	atherfo	rd BOP(X2	<u>)</u>		\$280
Procedure or Equipment detail:				Betts	wtr transfe	<u>r_</u>		\$400
				N	OSI trucking	<u> </u>	\$	1,000
				NDS	wtr & truck	_ <u>{</u>		\$400
				Jnichen	n chemicals	<u> </u>		\$300
				\ztec - ı	new J55 tbg	<u> </u>	\$2	8,934
				N	PC trucking	-]		\$300
				NPC sfo	equipmen	- t	\$13	0,000
					bor/welding	_		3,600
					st sanitation	_		\$550
Max TP: Max Rate: Total flui	d pmpd:				s pit reclain	-	\$	1,800
Avg TP: Avg Rate: Total Pro					supervision	_		\$300
ISIP: 5 min: 10 min:			D	AILY C			\$17	9,465
					ELL COST		Φ.Ε.Ο.	2,961



ATTACHMENT G-/

70f8

Day: <u>05</u>

DAILY COMPLETION REPORT -14-9-16 Report Date: Nov. 12, 2005

WELL NAME: Jonah Federal 16-14-9-16

Ope	ration:	Completion						Rig: _	<u></u>	NC #3	
				WF	LL STAT	rus			····		
Surf Csg:	8-5/8'	@ 310'		Prod (-1/2"	@	5803'	Cs	g PBTD:	5758'
Tbg:	Size:	2 7/8 Wt:	6.5#	Grd:	J-55		<u>от @</u> : _	5651'	BP/San	d PBTD:	5744'
J							_				
					RATION I				Donfo		CDE/#oboto
Zone ODC - 1		<u>Perfs</u>		/#shots		<u> 20</u>	<u>ne</u>		<u>Perfs</u>		SPF/#shots
GB6 sds_ A1 sds		036-4042' 916-4921'	4/24 4/20					 		_	
A1 sus		942-4954'	4/48						-		
LODC sds		122-5132'	4/40								-
CP2 sds		374-5380'	4/24	4			· .				
			CH	RONOLO	GICAL C	PERAT	IONS				
Date Worl	k Perfor	med: Nov.	11, 2005	<u>i</u>				SITP:	0	_SICP:	0
sd @ 5202	2', plug (sd to 57 pment.	bridge plugs as fo @ 5230' in 27 mi 44' (lack 14' f/ PE IFL @ sfc. Made	inutes. F 3TD @ 51	lang bacl 758'). Cir	k swivel & c hole cle	& con't F ean W/ r	PU tbg. no fluid	Tag fill @ loss. RD s	5608'. wivel. Pi	PU swiv ull EOT 1	el. Drill plu to 5651'. Rt
		o be recovered:	1451 125	_	ECOVER tarting oil	l rec to d	late:				
Fluid lost/r Ending flui		- · · <u> </u>	1326	_	um oil re		_				
_			FTP:		oke:		_	Fluid Rate:		Final	oil cut: <u>tr</u>
		STIMULATION	ON DETA	AIL					COS	STS	,
Base Fluid	need.	<u> </u>	Job Type						NC #3		\$4,675
Company:							-	Weath	erford BC)P	\$140
•	or Fauin	ment detail:					_	Four	Star swiv	/el	\$750
Toceduic	or Equip						-	NPC locati	on clean	 up	\$300
									tr dispos		\$3,000
							-		CDI -		\$525
			 .						CDIS		\$80
								NDC			\$300
			-					NPC :	supervisi	<u>on</u>	<u> </u>
										_	
							. <u>-</u>	_		_	
				····							
		Max Rate:		al fluid pm							-
_		Avg Rate:		al Prop pn			-	DAUVO	00T:		<u> </u>
		5 min:		n:	FC	3:	-	DAILY C		.	\$9,770
Comple	etion Su	pervisor:	Gary Die	tz				TOTAL WE	LL COS	i:	\$532,731



<u>WE</u>	LL NAME:	Jonah F	ederal 16	6-14-9-1	6 F	Report	Date:	Nov	. 15, 2005	_			Day: <u>06</u>
	Operation	: Comp	letion						Rig:		N	C #3	
					WELL	STATL	<u>IS</u>						
Surf C	sg: <u>8-5/8</u>	. ~			Prod Csg:	5-1	/2"	@	5803'	-	_	PBTD:	
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd: J	-55	Anch	or @:	5359'	BP/	Sand	PBTD:	5744'
				<u>P</u>	ERFORAT	ION RI	ECORI	2					
Zoı		<u>Perfs</u>		SPF/#	<u>shots</u>		Zo	<u>ne</u>		<u>Perfs</u>			SPF/#shots
GB6 s		4036-4042'		4/24								_	
A1 sd A3 sd		4916-4921' 4942-4954'		4/20 4/48									
LODC		5122-5132'		4/40					· —			_	
CP2 s		5374-5380'		4/24								-	
												_	
				-	NOLOGIC	AL OF	ERAT	<u>IONS</u>					_
	Work Perfo	_	Nov. 14,						SITP:			SICP:	0
TIH '	W/ tbg. Tag	g @ 5744' (no	new fill).	Circ hole	e clean. Los	t est 10	BW &	rec tr	oil. LD exce	ss tbg.	TOF	I W/ tb	gLD bit. TII
W/ BH	A & product	ion tbg as follo	ows: 2 7/8	3 NC, 2 jt	s tbg, SN, 1	jt tbg,	new CD) 5 1/2	2" TA (45K) 8	& 166 j	ts 2 7	/8 8rd	6.5# J-55 tbg
ND BC	P. Set TA @	@ 5359' W/ SN	N @ 5393'	& EOT @	© 5458'. Lai	nd tba \	N/ 15.0	00# te	nsion. NU w	ellhead	d. PU	& TIH	W/ pump and
		g as follows: n											
		" scrapered ro											
pressu	re test tbg &	pump to 200 p	osi. Stroke	e pump u	p W/ unit to	800 psi	. Good	pump	action. RDN	MOSU.	Est 1	1336 B\	VTR.
Place v	well on pro	duction @ 6:0	0 PM 11/1	4/2005 V	V/ 86" SL @	6 SPM							
FINAL	REPORT!!	•			_								
							(DD) (
Startin	a fluid load	to be recover	rad: 1	<u>FL</u> 326	UID RECO	<u>)VERY</u> ng oil r							
	ost/recover		10 10			st/reco						-	
_	g fluid to be	_	1330			oil reco						_	
IFL:		FFL:	FTP	<u>):</u>	Choke:			Final	Fluid Rate:		-	Final	oil cut:
	<u>TUBI</u>	NG DETAIL			ROD DE	TAIL				2	OST	s	
_											#3 rig	_	\$4,346
_	12.00'				X 22' polish		<u> </u>		Weath			-	\$140
166 2	2 7/8 J-55 t	bg (5347.02')		1-2' X	3/4" pony r	od			N	PC tru	cking	<u> </u>	\$300
-	TA (2.80' @	5359.02' KB	3)	100-3/	4" scrapere	ed rods			Zul	oiate H	O trk	<u>.</u>	\$400
1 2	2 7/8 J-55 t	bg (31.43')		99-3/4	" plain rods	3			CE	l rod ı	oump	<u>-</u>	\$1,325
3	SN (1.10' @) 5393.25' KE	3)	10-3/4	" scrapered	d rods			"B" grad	e rod	string	<u>l</u>	\$8,818
2 2	2 7/8 J-55 t	bg (62.75')		6-1 1/2	2" weight ro	ds			NPC frac the	(s(4X6	dys)	<u> </u>	\$960
2	2 7/8 NC (.4	45')		CDI 2	1/2" X 1 1/2	2" X 15	<u> </u>		NPC sw	/b tk (3	dys)	<u>,</u>	\$120
EOT <u></u>	5457.5 <u>5</u> ' W	/ 12' KB		RHAC	pump W/ S	SM plu	nger		NP	C frac	head	_	\$500
-									NPC	super	/ision	<u>_</u>	\$300
_								•				-	
												-	
		upervisor:		y Dietz					DAILY C	•		_	\$17,209 \$549,940

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 3992'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	188' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 42 sx Class "G" Cement down 5-1/2" casing to 360'

The approximate cost to plug and abandon this well is \$59,344.

ATTACHMENT H-1

BOPD.

Jonah Federal 16-14-9-16

Spud Date: 10-14-05 Initial Production: Put on Production: 11-14-05 MCFD, BWPD Proposed P & A GL: 5626' KB: 5638' Wellbore Diagram SURFACE CASING CSG SIZE: 8-5/8" GRADE: J-55 Pump 42 sx Class "G" Cement down 5-1/2" casing to 360" Cement top @ 270 WEIGHT: 24# LENGTH: 7 jts (302.62') Casing Shoe @ 310' DEPTH LANDED: 310.02' KB HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1312'-1432') PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 130 jts. (5790.42') DEPTH LANDED: 5803.67' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. CEMENT TOP AT: 270' 188' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2627'-2815') 100' (12 sx) Class G Cement plug on top of CIBP CIBP @ 3992' 4036-4042 4916-4921 4942-4954 5122-5132 **5374-5380**° NEWFIELD PBTD @ 5758' SHOE @ 5803' Jonah Federal 16-14-9-16 TD @ 5800' 657' FSL & 758' FEL SE/SE Section 14-T9S-R16E

Duchesne Co, Utah API #43-013-32698; Lease #UTU-096547 FORM 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

SUNDRY Do not use t abandoned w		USA UTU-096547 6. If Indian, Allottee or Tribe Name.			
SUBMIT IN	7. If Unit	or CA/Agreement, Name and/or			
1. Type of Well Oil Well Gas Well	Other			ame and No.	
2. Name of Operator	Other			FEDERAL 16-14-9-16	
NEWFIELD PRODUCTION CO	OMPANY		9. API W	ell No.	
3a. Address Route 3 Box 3630	3	b. Phone (include are cod			
Myton, UT 84052	G. T. D. M Survey Description	435.646.3721		and Pool, or Exploratory Area ER MB UNIT	
4. Location of Well (Footage, 1 657 FSL 758 FEL	Sec., T., R., M., or Survey Description	on)		y or Parish, State	
SESE Section 14 T9S R16E				ESNE, UT	
12. CHECK	X APPROPRIATE BOX(ES)	TO INIDICATE NATU	IRE OF NOTICE, O	OR OTHER DATA	
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION		
✓ Notice of Intent ☐ Subsequent Report ☐ Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to Injector	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Production (Start/Res Reclamation Recomplete Temporarily Abando Water Disposal	Well Integrity Other	
Newfield Production prop	oses to convert the above m	Title	aucing on well to an	injection well.	
correct (Printed/ Typed)		Regulatory Lead			
Eric Sundberg Signature	and the same of th	Date			
E The		7/16/10			
	THIS SPACE FOR	FEDERAL OR STAT	E OFFICE USE		
which would entitle the applicant to cond	quitable title to those rights in the subject	lease Office	illy to make to any departm	Date ent or agency of the United	
States any false, fictitious and fraudulent	3 U.S.C. Section 1212, make it a crime to statements or representations as to any r	natter within its jurisdiction	, to mile to any department		

ACCOUNT ACCOUN	BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH							
DIV OF OIL-G	DIV OF OIL-GAS & MINING,							
TELEPHONE	TELEPHONE ADORDER# / INVOICE NUM							
8015385340	0000607995 /	WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, A CLASS II INJECTION WELLS.						
SCHE	EDULE	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.						
Start 08/16/2010	End 08/16/2010	Notice is hereby given that the Division of Oil, Gas and Mining (the Division 1 is commencing an informat adjudicably proceeding to consider the application of NewField Production Company for administrative approval of the followin wells located in Ducherme Country, Utah, for conversion to Class II injection wells:						
CUST, I	REF. NO.	Greater Monument Butte Unit: Ashley Federal 12-14-9-15 well located in NW/4SW/4						
UIC 367		Arieure Monument surte Unit: Aniley Federal 12-14-9-15 well located in NW/4SW/4 Section 14, Township 9 South, Ronge 15 East Ashley Federal 14-15-9-15 well located in SE/4SW/4, Section 15, Township 9 South, Ronge 15 East Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Ronge 15 East South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9, Township 9 South, Ronge 16 East South Federal 16-14-9-16 well located in SE/4 SE/4, Section 14, Township 9 South, Ronge 16 East South 4, Township 9 South Ronge 16 East South 4, Township 9 South Ronge 16 East						
CAP	PTION	South Wells Draw Federal 1-9-9-16 well located 1 NE/4NE/4, Section 9, Township 9 South, Range 16 East sanch Federal 16-14-9-16 well located in SE/4 SE/4, Sec tion 14, Township 9 South, Range 16 East						
BEFORE THE DIVISION	ON OF OIL, GAS AND MINI	The proceeding will be conducted in accordance with Uto Admin. R649-10, Administrative Procedures.						
SI SI	IZE	Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient in						
65 Lines	2,00 COLUMN	formation submitted by Newfield Production Company. Any person destring to object to the application or otherwise transport in the proceeding, must file a written profest or no tice of intervention with the Division within fifteen doys fol						
TIMES	RATE							
4		cer for the proceeding is 3red Hill. Permitting Manager, a 10, 30x 145801, Selt Lake Citry, 07 84114-2501, pion matter (301) 338-5340. If such a protest or notice of in terrestion is received, a bearing will be scheduled in accord such with the offermentined administrative procedure.						
MISC. CHARGES	AD CHARGES	rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their in terests.						
		Dailed this 11th day of August, 2010.						
		STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Brod Hill						
	TOTAL COST	Rrad ^म धे						
	223,40	eran and property						

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF <u>BEFORE THE DIVISION OF OIL. GAS AND MINI</u> FOR <u>DIV OF OIL-GAS & MINING</u>. WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH, NOTICE IS ALSO POSTED ON UTAHLEGALS, COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS, COM INDEFINATELY.

AS THE THOT				
PUBLISHED ON	Start 08/16/2010	End 08/16/2010	VIRGINIA A Notary Public	Stele SEDIENT
1 OBLISTIED O.			My Compliss	100 27 000 1
SIGNATURE	///m		TABBATY I	1
DATE	8/17/2010		Whenen	Wast
		TEMENT BUT A "PROOF OF PUBL AY FROM BILLING STATEMENT		\bigcap
		WICAOMINIGE	5 /	V

SALT LAKE CITY,

The Salt Lake Tribuuz

WWW SLIFFE COM



Desert News

CUSTOMER'S COPY

PROOF OF PUBLICATION

UT 84114

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,	9001402352	8/17/2010
1594 W NORTH TEMP #1210 P.O. BOX 145801		1

I 								
ACCOUN	NT NAME	BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES						
DIV OF OIL-G	DIV OF OIL-GAS & MINING,							
TELEPHONE	TELEPHONE ADORDER# / INVOICE NUM!							
8015385340	0000607995 /	WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWN SHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, A CLASS II INJECTION WELLS.						
SCHE	DULE	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THABOVE ENTITLED MATTER.						
Start 08/16/2010	End 08/16/2010	Morice is hereby given that the Division of Oil, Gas and Mir or (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the followin walls located in Duchesne County, Utoh, for conversion to Class II injection wells:						
CUST, F	REF. NO.							
UIC 367		Greater Monument Butte Unit: Ashley Federal 1.2-14-9-15 well located in NW/4SW/4 Section 14, Township 9 South, Range 15 East Ashley Federal 14-15-9-15 well located in SE/4SW/4, Section 15, Township 9 South, Range 15 East Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Range 15 East South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9, Township 9 South, Range 16 East Jordan Federal 16-14-9-16 well located in SE/4 SE/4, Section 14, Township 9 South, Range 16 East						
CAP	TION	tion 22, fowrship 9 South, Range 15 East South Wells Draw Federal 19-99-16 well located i NE/4NE/4, Section 9, Township 9 South, Range 16 East Jonah Federal 16-14-9-16 well located in SE/4 SE/4, Section 14, Township 9 South, Range 16 East						
BEFORE THE DIVISION	ON OF OIL, GAS AND MINI	The proceeding will be conducted in accordance with Uta Admin. R649-10, Administrative Procedures.						
NAME OF THE PROPERTY OF SILVER AND ADMINISTRATION OF SILVER AND ADMINISTRATION OF THE SILVER AND AD	ZE	Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure						
65 Lines	2.00 COLUMN	roundition submitted by Newfield Production Company.						
TIMES	RATE	Any person desiring to object to the application or otherwis intervene in the proceeding, must file a written protest or no tice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Real Will Devision's Presiding Officer for the proceeding is Real Will Devision's Presiding Officer for the proceeding is Real Will Devision's Presiding Officer for the proceeding is Real Will Devision's Presiding Officer for the proceeding is Real Will Devision's Presiding Officer for the proceeding is Real Will Devision's Presiding Officer for the proceeding is Real Will Devision with the Proceeding In the Proceedi						
4		cer for the proceeding is Brod Hill, Permitting Manager, c F.O. Box 145801, Salt Lake City, UT 84114-5801, phon number (801) 538-5340. If such a protest or notice of in tervention is received, a hearing will be scheduled in accord						
MISC. CHARGES	AD CHARGES	ance with the aforementioned administrative procedure rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.						
		Dailed this 11th day of August, 2010.						
	TOTAL COST	STATE OF UTAH DIVISION OF OIL, GAS & MININC /s/ Brad Hill Brad Hill Permitting Manager						
		607995 UPAXLP						
	223,40							
AFI	FIDAVIT OF PUBLICATION							

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL.** GAS AND MINI FOR DIV OF OIL-GAS & MINING. WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH, NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON

Start 08/16/2010

End 08/16/2010

SIGNATURE

DATE

8/17/2010

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION" PLEASE PAY FROM BILLING STATEMENT

VIRGINIA CRAFT Notary Public, State of Urah Commission # 581469 lission Expires

January 12, 2014

AFFIDAVIT OF PUBLICATION

County of Duchesne. STATE OF UTAH

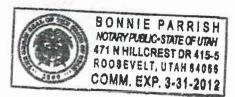
I. Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for consecutive issues, and that the first publication was on the 17th day of August .2010, and that the last publication of such notice was in the issue of such newspaper dated the 17th day of August. 20 10 , and that said notice was published on Utahlegals. com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Editor

Subscribed and sworn to before me this

17 day of alegust

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-367

BEFORE THE DIVI-SIONOFOIL, GASAND MINING, DEPART-MENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUC-TION COMPANY FOR ADMINISTRATIVEAP-PROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THESTATEOFUTAH TO ALL PERSONS IN-TERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil. Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 12-14-9-15 well located in NW/4SW/4, Section 14, Township 9 South, Range 15 East

Ashley Federal 14-15-9-15 well located in SE/4SW/4, Section 15, Township 9 South, Range 15 East

Ashley Federal 2-22-9-15 well located in NW/4NE/4, Section 22, Township 9 South, Range 15 East

South Wells Draw Federal 1-9-9-16 well located in NE/4NE/4, Section 9,

Township 9 South, Range 16 East

Jonah Federal 16-14-9-16 well located in SE/4 SE/4, Section 14, Township 9 South, Range 16

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative **Procedures**

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their inter-

Dated this 11th day of August, 2010.

STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/

Brad Hill

Permitting Manager Published in the Uintah Basin Standard Aug. 17, 2010.

Send Payments to: Uintah Basin Standard 268 S 200 E Roosevelt, Utah 84066

Phone: 435-722-5131 Fax: 435-722-4140



Express www.vernal.com

	Invoice Number	Invoice Date
	4195	8/17/2010
Advertiser No.	Invoice Amount	Due Date
2080	\$108.00	9/16/2010

Rose Nolton DIVISION OF OIL GAS & MINING 1594 W. N.TEMPLE STE 121 PO BOX 145801 SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all past due balances.

Amount Enclosed

Please detach top portion and return with your payment.

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS & MINING

Invoice No. 4195

8/17/2010

Date Grder Públications	Description Ad Size	Sales Tax	Amount
8/17/2010 2190 1	Notice of Agency Action (Newfield Cause No. UIC-367) Pub Aug 17, 2010	\$0.00	\$108.00
Uintah Basin	Standard		
	Total Transactions:	1 \$0.00	\$108.00

SUMMARY

Advertiser No. 2080

Invoice No.

4195

1 1/2% fee will be charged to all past due balances.
Thank You for your business!

Thank you for advertising with us, we appreciate your business!

RECEIVED
AUG 1 9 2010

DIV. OF OIL, GAS & MINING

2250 | REB | GGUICA OMIN | GF 10 | 613 1

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-367

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 14, 15, AND 22, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9 AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 11th day of August, 2010.

STATE OF UTAH

DIVISION OF PIL, GAS & MINING

Brad Hill

Permitting Manager

Newfield Production Company

ASHLEY FEDERAL 12-14-9-15, ASHLEY FEDERAL 14-15-9-15, ASHLEY FEDERAL 2-22-9-15, SOUTH WELLS DRAW FEDERAL 1-9-9-16, JONAH FEDERAL 16-14-9-16.

Cause No. UIC-367

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail ubs@ubstandard.com

Salt Lake Tribune P O Box 45838 Salt Lake City, UT 84145 via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Jan Sweet

From:

Cindy Kleinfelter <classifieds@ubstandard.com>

To: Date: <jsweet@utah.gov> 8/12/2010 11:07 AM

Subject:

CAUSE NO. UIC-367

Subject public notice will be published Aug. 17, 2010

Thank you Cindy



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 11, 2010

Via e-mail: <u>ubs@ubstandard.com</u>

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-367

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>isweet@utah.gov</u>.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-367

From: "NAC Legal" <naclegal@mediaoneutah.com>

To: "'Jean Sweet'" <jsweet@utah.gov>

Date: 8/11/2010 4:24 PM

Subject: RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-367

Ad #607995 is scheduled to run August 16th in Salt Lake Tribune, Deseret News and on the website: utahlegals.com

Total charge is \$223.40. Please check the ad in the papers.

Thank you,

Lynn Valdez
MEDIAONE OF UTAH,
a Newspaper Agency Company
4770 South 5600 West
West Valley City, Utah 84118
Ph.: 801-204-6245
Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov] Sent: Wednesday, August 11, 2010 1:39 PM

To: naclegal@mediaoneutah.com

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-367

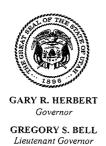
To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

August 11, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-367

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Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



Mark Reinbold - Newfield MB 8-14-9-16/LA-14-9-16 Intersection Area Well Plans...Request for BLM approval....

From:

"Tom Walker" <twalker@newfield.com>

To:

<Robin L Hansen@blm.gov>

Date:

2/10/2011 8:45 AM

Subject:

Newfield MB 8-14-9-16/LA-14-9-16 Intersection Area Well Plans...Request for BLM

approval....

CC:

foradhill@utah.gov>, "Dustin Doucet" <DUSTINDOUCET@utah.gov>, "Reinbold,...

Attachments: FW: 8-14-9-16 = P&A Recommendation for review pre NOI...; FW: Jonah Unit 8-14-9-

16

Hello Robin:

We have developed a forward plan on the subject situation with the Utah Division of Oil, Gas and Mining that we are submitting to you for your review and approval.

Long story short, we drilled through the 8-14-9-16 while drilling the LA-14-9-16. The LA-14 is on production making about 14 BOPD with a 50% water cut. Last summer we fished everything we could out of the 8-14 down to the intersection point at 1100' and found lots of cement which is good from a pressure integrity standpoint. The recovered tubing stub (picture in attached email) indicates that the LA-14 had a direct center hit right through the 8-14. Given this, we submitted a P&A plan (attached) to the BLM and State. Your predecessor, Ryan Angus, was fully involved in this situation and was good with that proposal. However, the State UIC department was not. So, I worked with the State (Dustin, Brad and Mark) and internally with Newfield Exploration on the new proposed plan below.

- Turn the 8-14-9-16 into a pressure and potential fluid observation well. 1)
 - This well will not be P&A'd.
 - We will submit a sundry to run 2-7/8" tubing with a packer to allow for pressure monitoring from surface and if required fluid swabbing.
 - We reviewed and concur with Dustin that the well has production casing cement integrity to +/-400'.
 - We will want to install a well house (similar to our water injection wells) and likely some methanol water or similar at the top of the well to assure it doesn't freeze up.
 - If the well ever experienced "water flood break through" with high pressure injected water, we would be able to down squeeze cement into the well per Dustin.
- Submit an APD to drill a new pressure and potential fluid observation well on the 8-14-9-14 pad.
 - The State calls this a "test well".
 - The conductor will be 8-5/8" casing set and cemented at 30'.
 - This well will be drilled to 1200' with our spud rig. We will then fill the hole with fresh water and log with a triple combo formation evaluation log suite.
 - We will run and cement 5.5" casing and perforate two sands after reviewing the logs at approximate depths of 1,050-1,055 and 1,150-1,155' (from the 8-14 logs). These zones are good quality near the base of saline ground water.
 - We will run 2-7/8" tubing with a packer to allow for pressure monitoring from surface and fluid
 - We will swab water for a baseline.
 - As with the 8-14-9-16 observation well, we will want a well house and other measure to assure no freezing occurs.
- Collection of baseline fluids and pressures from both observation wells will be conducted.
- Submit an APD to drill a new directionally drilled injection well to replace the 8-14-9-16 well from the 4) adjacent 9-14-9-16 pad.

- We have determined that we don't have enough room on the 8-14-9-16 well site for this well with the existing two wells and the new observation well.
- This new well will have a bottom hole location approximately 100' east of the old well.
- We will stimulate this well and put it on injection.
- 5) We will monitor both observation well pressures weekly.
- We will submit a quarterly report to the State and BLM.
- 7) Dustin recommended swabbing water samples once per year. Also we will swab a water sample if we see any observation well pressures changes.
- 8) Note per the attached email that four conversions in the area are on hold pending this work.

Please advise back with your approval of the above. With your approval, NOI/Sundry and APD's will follow.

Any comments are appreciated. Thanks for your time.

Regards,

Tom J. Walker P.E. Operations Engineer Newfield Exploration - Rocky Mountains twalker@newfield.com 303-383-4114 Office 303-396-7843 Cell 303-893-0103 Fax



Mark Reinbold - Tops for 8-14-9-16

"Steve Adams" <sdadams@newfield.com> From: "Tom Walker" <twalker@newfield.com> To:

7/13/2010 7:00 AM Date: **Subject:** Tops for 8-14-9-16

Here you go...

UWI (APINum)	43013320540000
Well Label	Jonah Unit 8-14-9-16
Section	14
Township	98
Range	16E
DEPTH_TO_BASE_MOD_SALINE_GW	1874
GRN_RVR_EPA	1445
TRONA_TOP	2780
TRONA_BASE	2827
MAHOGANY_BENCH_TOP	2834
MAHOGANY_BENCH_BASE	2856
GG	3561
GG1	3768
GG2	3878
PT3_MKR	4145
X_MKR	4394
Y_MKR	4436
DGCK	4560
BI-CARB	4794
BLS	4910
CPLS	5418
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Well Name: JONAH 8-14-9-16

Report Date: 7/6/10

Cum. DWR: \$4,793

	Code	Description	Comments	Daily	Cum.
П	891101	Base / Field Office Operations		\$0	\$0
	891102	Cased Hole Electric Wireline		\$0	\$0
	891103	Casing Crews & Running Tools - Casing &		\$0	\$0
	891105 891106	Cementing		\$0	\$0
	891106 891107	Chemical Treatment - Surface Chemical Treatment - Subsurface		\$0 \$0	\$0 \$0
	891108	Coiled Tubing Units		\$0 \$0	\$0 \$0
	891109	Communications		\$0	\$0
1	891110	Consultants		\$0	\$0
H	891111	Core / Fluid Analysis		\$0	\$0
	891113	Directional Drilling Operations		\$0	\$0
	891115	Engineering - Process		\$0	\$0
Ш	891116 891117	Engineering - Structural	100	\$0	\$0
H	891117	Environment & Safety Filtration		\$0 #0	\$0
11	891119	Fishing Operations		\$0 \$0	\$0 \$0
П	891120	Fluid Disposal		\$0 \$0	\$0 \$0
П	891121	Formation Evaluation		\$0	\$0
П	891122	Formation Stimulation - Fracturing		\$0	\$0
	891123	Formation Stimulation - Other		\$0	\$0
П	891125	Hanger - Liner		\$0	\$0
	891127	Hookup Services	504	\$0	\$0
	891128 891129	Hot Oiling Services Inspection - Bottom Hole Assembly	D&M	\$1,000	\$1,000
	891130	Inspection - Casing		\$0 \$0	\$0 \$0
	891131	Inspection - Casing		\$0 \$0	\$0 \$0
	891132	Inspection - Site		\$0	\$0 \$0
	891133	Inspection - Tubing		\$0	\$0
П	891135	Installation / Removal - Pipeline		\$0	\$0
 	891138	Instrumentation		\$0	\$0
	891139	Labor - Company Supervision	Aaron Manning	\$300	\$300
	891140 891141	Labor - Company Employees Labor - Contract Employees		\$0	\$0
_	891141	Location Preparation		\$0 \$0	\$0 \$0
ste	891144	Location Remediation & Maintenance		\$0 \$0	\$0 \$0
ပိ	891145	Measurement	***	\$0	\$0 \$0
ble	891146	Miscellaneous Services -		\$0	\$0 \$0
ngible Costs	891147	Mud Logging Services		\$0	\$0
Intai	891148	Nitrogen Services		\$0	\$0
F	891149 891150	Project Management	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\$0	\$0
H	891150 891153	Rig Costs - Dayrate Rig Mob & Demob	WWS #3	\$2,343	\$2,343
	891155	Slickline Services		\$0 \$0	\$0 \$0
H	891156	Survey - Location		\$0 \$0	\$0 \$0
IJ	891157	Survey - Well		\$0	\$0
	891158	Testing - Tubing		\$0	\$0
П	891159	Testing - Well & Well Flowback		\$0	\$0
	891160 891162	Testing - Well Control Equipment		\$0	\$0
	891164	Transportation - Land Transportation - Fuel	Zubiate	\$350	\$350
	891165	Tubular Conveyed Perforating & Drill Stem		\$0 \$0	\$0 \$0
	891166	Welding		\$0 \$0	\$0 \$0
П	891304	Completion Fluids	ITL	\$800	\$800
ا ا	891306	Condensate		\$0	\$0
П	891307	Cranes		\$0	\$0
H	891311	Electrical		\$0	\$0
	891312 891313	Facilities - Processing Fuel - Rigs / Lease (Delivered)		\$0 \$ 0	\$0 \$0
П	891314	Fuel Gas (Produced)		\$0 \$0	\$0 \$0
H	891315	Fuel Gas System		\$0 \$0	\$0 \$0
	891324	Living Quarters		\$0	\$0
	891325	Lost in Hole		\$0	\$0
	891329	Mud - Drilling		\$0	\$0
	891330	Mud Monitoring & Processing		\$0	\$0
	891341	Stabilizer, Under Reamer, Hole Opener		\$0	\$0
	891348 891350	Utility Systems - RENTAL GENERATOR Water		\$0 \$0	\$0 \$0
	891501	Insurance		\$0 \$0	\$0 \$0
	891502	Land Owner Fees		\$0 \$0	\$0 \$0
	891503	Legal Fees		\$0	\$0
	891511	Regulatory Compliance		\$0	\$0
	891963	Contingency		\$0	\$0
Ц	891965	Overhead		\$0	\$0
			Total Intangible	\$4,793	\$4,793



Well Name: JONAH 8-14-9-16

Report Date: 7/6/10 Cum. DWR: \$4,793

	391617	Wellhead		\$0	\$0
	391616	Tubing Accessories		\$0	\$0
	391615	Safety Valves		\$0	\$0
	391614	Rods		\$0	\$0 \$0
$\overline{}$	391613	Pipe - Tubing		\$0	\$0 \$0
	391612	Pipe - Casing Liners Pipe - Tieback Casing	<u> </u>	\$0 \$0	\$0
_	391610 391611	Pipe - Production Casing Pipe - Casing Liners		\$0	\$0
_	391609 391610	Pipe - Intermediate Casing		\$0	\$0
	391608	Pipe - Surface Casing		\$0	\$0
	391607	Pipe - Conductor Casing		\$0	\$0
	391604	Packers & Liner Hangers		\$0	\$0
	391603	Miscellaneous Subsurface Equipment		\$0	\$0
_	391602	Casing Accessories		\$0	\$0
ightharpoonup	391601	Artificial Lift		\$0	\$0
	391351	Water Handling Equipment		\$0	\$0
8	391349	Vapor Recovery System		\$0	\$0
8	391346	Tools & Supplies		\$0	\$0
8	391345	Tanks		\$0	\$0
8	391343	Equipment		\$0	\$0
	391342	Startup Material / Stock		\$0	\$0
	391339	Salvage		\$0	\$0
_	391338	Safety Systems		\$0	\$0
$\overline{}$	391337	Safety Equipment		\$0	\$0
_	391336	Pumps		\$0	\$0
	391335	Pipeline / Flowline		\$0	\$0
-	391328	Miscellaneous Surface Equipment		\$0	\$0
_	391318	Generators		\$0	\$0
-	391316	Gas Lift Manifold		\$0	\$0
-	391310	Drill String		\$0	\$0
	391305	Compressors		\$0	\$0
	391302	Blow Out Preventors		\$0	\$0
$\overline{}$	391301	Bits		\$0	\$0

31/	-		Daily Worko	ver Report			JONAH 8-14-9-16 22242 7/7/10	· · · · · · · · · · · · · · · · · · ·
ROCKY N	MOUNTAINS		MAJV	VKO			Run down hole ca	mera
Field:		GMBU CTB5		Rig Name:	W	WS #3	Work Performed:	7/6/2010
Location:		S14 T9S R16E		Supervisor:		n Manning	Day:	2
County:		DUCHESNE		Phone:		823-1087	Daily Cost:	\$11,490
State:		UT		Email:	amanning	@newfield.com	Cum DWR:	\$16,283
		Workover						
	TOOH w/ tbg.	TIH w/ mill & clean or	ut inside of fish.					
Summary:								
	Run down hole	e camera.						
Forward:	NI		- T	 				
ncidents:	None		Newfield Pers:	1 Contract	Pers:	10	Conditions:	
			<u> </u>	Critical Comments				
				Activity Summary				
Hr(s); P	: RU hot	oiler. Circula	te well clean. TOOH	w/ 30- jts 2 7/8	tbg. Pt	J mill, 6- jt	ts 1.9" tbg & TIH	w/ 2 7/8" tbg.
ag Ilsh to	op 0 95'. Circulate w	Work Mill into 2	7/8" fish. Tag fil ower swivel. TOOH &	1 @ 1074'. RU po	wer swivel	. Mill out	to 1093'. Starte	d to get metal
curio.	oriculate w	err cream. KD b	ower swiver. Toon &	LD 1.9 CDG & MI	MO &	IIH W/ OVers	snot & tbg to Ilsn	top @ 952'.L

Failure 1 Failure 2 Failure 3 Failure 4

Failure 5
Contr. Factors
Location

	1 4 1 y	A L	IEL	.17			.	147		_							JONAH 8-14-9	-16
	21	1/2					Daily	Wor	Kove	r Re	port					ort Date:		
	ROCKY		UNTA	INS										_	С	um DWR:	\$16,283	
1	Type	Size	Wght	Grade	Conn	Тор	Bottom	PBTD	Upd. PBTD	тос	Burst	Colla	pse	ΙD	Drift	Capacity	Comments	
	Surface	8 5/8"	24	J-55	STC		304											
	Production	5 1/2"	15.5	J-55	STL		5689	5635		2,566'								
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희													_			_		
Casing							·											
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Ц																		
	Compo	nent	Jts	Size	Wght	Grade	Conn	Length	Тор	Btm	Condit	tion	Trans	efrerd F	rom Co	mments		
	KB Tubing		###	2-7/8"	6.5	M-50	8 RND EUE	5010.6		5,011'	 							
	Tubing And	hor	1	5 1/2"	0.0	111 00	8 RND EUE	2.8	5010.6					_				
1 [Tubing		2	2-7/8"	6.5		8 RND EUE		5013.4	5,076'								
	Seating Nip	ple	1	2-7/8"			8 RND EUE		5075.9							_		
	Tubing Notched Co	ıllar	1	2-7/8" 2-7/8"	6.5	M-50	8 RND EUE 8 RND EUE	62.5 0.4	5077.0 5139.5		<u> </u>				∤	_		
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P																		
ΙŞΙ				<u> </u>							<u> </u>							
Tubing Data				<u> </u>							 -							
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11											-							
	Cour		Com		Cina	Condo												
	Cour 1		Com Polish F			Grade 4140		Тор	Bottom 22	Commo	ents						Stroke Lengt	
	1		Polish F	Rod	1 1/2" 3/4"	4140 Norris 54	22 8	22	22 30	Commo	ents						Stroke Lengt	h 0
	1 1 1		Polish F Pony Ro Guided	Rod Rod	1 1/2" 3/4" 3/4"	4140 Norris 54 D(API)	22 8 25	22 30	22 30 55	Comme	ents						Stroke Lengt	0
	1		Polish F	Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4"	4140 Norris 54 D(API) Norris 54	22 8 25 2425	22 30 55	22 30 55 2480	Comme	ents							
	1 1 1 97 97 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25	22 30	22 30 55 2480 4905 5005	Comme	ents							0
	1 1 1 97 97		Polish F Pony Ro Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425	22 30 55 2480	22 30 55 2480 4905	Comme	ents						SPM	0
	1 1 1 97 97 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ents						SPM Well on Prod	0 0 Date/Time
ail	1 1 1 97 97 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ents						SPM	0 0 Date/Time
Detail	1 1 1 97 97 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ants						SPM Well on Prod	0 0 Date/Time
d Detail	1 1 1 97 97 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ents						SPM Well on Prod	0 0 Date/Time
Rod Detail	1 1 1 97 97 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ents						SPM Well on Prod	0 0 Date/Time
Rod Detail	1 1 1 97 97 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ants						SPM Well on Prod	0 0 Date/Time
Rod Detail	1 1 1 97 97 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ants						SPM Well on Prod	0 0 Date/Time
Rod Detail	1 1 1 97 97 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ents						SPM Well on Prod	0 0 Date/Time
	1 1 1 97 97 4 4		Polish F Pony Ro Guided Guided Guided Guided	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ents						SPM Well on Prod	0 0 Date/Time
- - -	1 1 97 97 4 4	28:	Polish F Pony Ro Guided Guided Guided Guided Sinker E	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100	22 30 55 2480 4905	22 30 55 2480 4905 5005	Comme	ants						SPM Well on Prod	0 0 Date/Time
-	1 1 1 97 97 4 4	es: Descri	Polish F Pony Ro Guided Guided Guided Guided Sinker E	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	A140 Norris 54 D(API) Norris 54 D(API) Norris 54	22 8 25 2425 2425 100 100	22 30 55 2480 4905 5005	22 30 55 2480 4905 5005 5105								SPM Well on Prod	0 0 Date/Time
-	1 1 97 97 4 4	es: Descri	Polish F Pony Ro Guided Guided Guided Guided Sinker E	Rod Rod Rod Rod Rod Rod	1 1/2" 3/4" 3/4" 3/4" 3/4" 3/4"	4140 Norris 54 D(API) Norris 54 D(API) Norris 54 C(API)	22 8 25 2425 2425 100 100	22 30 55 2480 4905 5005	22 30 55 2480 4905 5005			16'				Lng	SPM Well on Prod	0 0 Date/Time

Daily Total Well Total



Well Name: JONAH 8-14-9-16

Report Date: 7/7/10 Cum. DWR: \$16,283

Code Description Comments Daily Cum. 891101 Base / Field Office Operations \$0 \$0 891102 Cased Hole Electric Wireline \$0 \$0 891103 Casing Crews & Running Tools - Casing & \$0 \$0 891105 Cementing \$0 \$0 Chemical Treatment - Surface 891106 \$0 \$0 891107 Chemical Treatment - Subsurface \$0 \$0 891108 Coiled Tubing Units \$0 \$0 Communications 891109 \$0 \$0 891110 Consultants \$0 \$0 891111 Core / Fluid Analysis \$0 \$0 891113 **Directional Drilling Operations** \$0 \$0 891115 Engineering - Process \$0 \$0 Engineering - Structural 891116 \$0 \$0 891117 Environment & Safety \$0 \$0 891118 Filtration \$0 \$0 891119 Fishing Operations RBS \$3,235 \$3,235 891120 Fluid Disposal RNI \$500 \$500 891121 Formation Evaluation \$0 \$0 891122 Formation Stimulation - Fracturing \$0 \$0 891123 Formation Stimulation - Other \$0 \$0 Hanger - Liner 891125 \$0 \$0 891127 Hookup Services \$0 \$0 891128 Hot Oiling Services Heat waves \$1,315 \$2,315 891129 Inspection - Bottom Hole Assembly \$0 \$0 891130 Inspection - Casing \$0 \$0 891131 Inspection - Drill Pipe \$0 \$0 Inspection - Site 891132 \$0 \$0 891133 Inspection - Tubing \$0 \$0 891135 Installation / Removal - Pipeline \$0 \$0 891138 Instrumentation \$0 \$0 891139 Labor - Company Supervision Aaron Manning \$300 \$600 891140 Labor - Company Employees \$0 \$0 891141 Labor - Contract Employees \$0 \$0 Location Preparation 891143 \$0 \$0 891144 Location Remediation & Maintenance \$0 \$0 891145 Measurement \$0 \$0 891146 Miscellaneous Services -\$0 \$0 891147 Mud Logging Services ntang \$0 \$0 891148 Nitrogen Services \$0 \$0 891149 **Project Management** \$0 \$0 WWS #3 \$3965, RBS PS \$650 891150 Rig Costs - Dayrate \$4,615 \$6,958 891153 Rig Mob & Demob \$0 \$0 891155 Slickline Services \$0 \$0 891156 Survey - Location \$0 \$0 891157 Survey - Well \$0 \$0 891158 Testing - Tubing \$0 \$0 Testing - Well & Well Flowback 891159 \$0 \$0 891160 Testing - Well Control Equipment \$0 \$0 891162 Transportation - Land cos \$525 \$875 891164 Transportation - Fuel \$0 \$0 891165 Tubular Conveyed Perforating & Drill Stem \$0 \$0 891166 Welding \$0 \$0 891304 ITL Completion Fluids \$1,000 \$1,800 891306 Condensate \$0 \$0 891307 Cranes \$0 \$0 891311 Electrical \$0 \$0 891312 Facilities - Processing \$0 \$0 Fuel - Rigs / Lease (Delivered) 891313 \$0 \$0 891314 Fuel Gas (Produced) \$0 \$0 891315 Fuel Gas System \$0 \$0 Living Quarters 891324 \$0 \$0 891325 Lost in Hole \$0 \$0 Mud - Drilling 891329 \$0 \$0 891330 Mud Monitoring & Processing \$0 \$0 891341 Stabilizer, Under Reamer, Hole Opener \$0 \$0 891348 Utility Systems - RENTAL GENERATOR \$0 \$0 891350 Water \$0 \$0 891501 Insurance \$0 \$0 891502 Land Owner Fees \$0 \$0 891503 Legal Fees \$0 \$0 891511 Regulatory Compliance \$0 \$0 891963 Contingency \$0 \$0 891965 Overhead \$0 \$0 Total Intangible \$11,490 \$16,283



Well Name: JONAH 8-14-9-16

Report Date: 7/7/10 Cum. DWR: \$16,283

8913		Bits		\$0	\$0
8913		Blow Out Preventors		\$0	\$0
891:		Compressors		\$0	\$0
891:		Drill String		\$0	\$0
891	316	Gas Lift Manifold		\$0	\$0
891	318	Generators		\$0	\$0
891	328	Miscellaneous Surface Equipment		\$0	\$0
8913	335	Pipeline / Flowline		\$0	\$0
891	336	Pumps		\$0	\$0
891	337	Safety Equipment		\$0	\$0
891		Safety Systems		\$0	\$0
		Salvage		\$0	\$0
		Startup Material / Stock		\$0	\$0
891		Structural Repairs / Major Surface Equipment		\$0	\$0
891		Tanks		\$0	\$0
891		Tools & Supplies	700	\$0	\$0
891		Vapor Recovery System		\$0	\$0
891: 891: 891: 891: 891:		Water Handling Equipment		\$0	\$0
891		Artificial Lift		\$0	\$0
891		Casing Accessories	180	\$0	\$0 \$0
		Miscellaneous Subsurface Equipment		\$0	\$0 \$0
		Packers & Liner Hangers	1771	\$0	\$0
891		Pipe - Conductor Casing		\$0	\$0
891		Pipe - Surface Casing		\$0	\$0
891	609	Pipe - Intermediate Casing		\$0	\$0
891	610	Pipe - Production Casing		\$0	\$0
891		Pipe - Casing Liners		\$0	\$0
891		Pipe - Tieback Casing		\$0	\$0
		Pipe - Tubing		\$0	\$0
891		Rods		\$0	\$0
891		Safety Valves		\$0	\$0
	616	Tubing Accessories		\$0	\$0
891	617	Wellhead		\$0	\$0
			Total Tangible	\$0	\$0
			Total Daily Costs	\$11,490	\$16,283

*****	-									
NEW	VFIELD)	_		D		Well Name:		14-9-16	
L. Julian	4/		U	ally Work	over Report			22242		
	MOUNTAINS	§ 8 г					Report Date:			
			· · · · · · · · · · · · · · · · · · ·	MAJ	WKO			Cut off tbg		
Field: Location		GMBU CTB S14 T9S R1			Rig Name:		WWS #3	Work Perfori	med:	7/7/2010
County:	•	DUCHESNE			Supervisor: Phone:		ron Manning 5- 823-1087	Day: Daily Cost:		3 \$32,241
State:		UT			Email:	The same of the sa	ng@newfield.com			\$48,524
	or Workover:	Workover								
24 Hr Summary:	Wash over fis	h								
24 Hr Plan	Cut tbg, TIH w	v/ overshot								
Forward:										
Incidents:	None		N	Newfield Pers:	3 Contract	Pers:	10	Conditions		
					Critical Comments					
					Activity Summary					
0 Hr(s); E	P: RU WLT	. RIH w/	down hole ca	amera to 1091'	. Could not see o	due to fi	11. POOH w/	camera. TO	OH w/ tbg. I	PU & TIH w/
mill, 6- 5	jts 1.9" tbg	[& 2 7/8 "	tbg to 1092	'. Circulate	well w/ 150 bbls fer pipe, Bowen LBS	fresh wat	er. TOOH w/	tba. RIH w	/ down hole	camera to
swivel. W	Wash over fi	sh to 1072	2'. Circulat	te well clean.	RD power swivel.	POOH w	/ tbg & place	EOT @ 869.	SWIFN.	. Ku power
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Failure Dat	te l				i andies			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		verse promote professional and a
Failure 1				950					34 1 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Failure 2										
Failure 3	Carlon and the control of the contro								¥ .	kirt i i i
Failure 4			1		2 CONTRACTOR OF THE PROPERTY O	1				State of

Failure 5
Contr. Factors
Location

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l	J.	W.					Daily	Wor	kove	r Re	port				Re	port	Date:	7/8/1	10			
	ROCKY	MO Y	UNTA	INS											С	um [OWR:	\$48,	524			
l		Size			C	T	Dotto:	DOTO	Upd.	T00						T -						
	Type Surface	8 5/8"	Wght 24	Grade J-55	Conn STC	Тор	Bottom 304	PBTD	PBTD	TOC	Burst	Colla	pse	ID	Drift	Car	acity	Comn	nents			
ı			15.5	J-55	STL		5689	5635		2,566'		 	-			-						
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Casing	<u>*</u>																					
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L													\dashv		-							
Γ	Compo	nent	Jts	Size	Wght	Grade	Conn	Length	Тор	Btm	Condi	tion	Trans	sefrerd l	From Co	mmen	ts.					
l	КВ											.,			10111							
Г	Tubing		###	2-7/8"	6.5	M-50	8 RND EUE	5010.6		5,011												
ı	Tubing And	chor	1	5 1/2"			8 RND EUE		5010.6													
	Tubing		2	2-7/8"	6.5		8 RND EUE		5013.4													
l	Seating Nip	ople	1	2-7/8"			8 RND EUE			5,077												
	Tubing Notched Co	-11	1	2-7/8"	6.5	M-50	8 RND EUE		5077.0		<u> </u>											
2	Notched Co	ollai	<u> </u>	2-7/8"	-		8 RND EUE	0.4	5139.5	5,140												
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_	Cour	nt	Com	ponent	Size	Grade	Length	Ton	Bottom	Comm	ente						_	04-	ke Leng	41-		
	1		Polish F	Rod	1 1/2"	4140	22	100	22	-	31103							Sire	we reng)	
	1		Pony R	od		Norris 54	8	22	30									+				
	1		Guided			D(API)	25	30										SPN	Λ			
	97		Guided			Norris 54	2425	55)	
	97		Guided Guided		3/4"	D(API) Norris 54	2425 100	2480 4905	4905 5005					-				-				
	4		Sinker			C(API)	100	5005	5105									Wei	l on Proc	ı. Da	te/Time)
						-()	100		0.00						···			+		_		
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	Pump Note Pump Unit		intion																			
	Motor Size		puon:			0	Motor	Descr.:					-									
			р Туре			Max			unger Siz	:е	E	3bl Lng			Ext	Lng		E	ct Lng 2	_	Descri	ption
			t Pump		一	2.			1.5	*****		16'				0'		+=	0'	+	_ 30011	
wback	psi, 64	s, bbls, ı		TP	СР		Chok	—	Oil Vo	1		Dil Rate	,		Water Vo		Water	Rate	Gas V	/ol	Gar	s Rate
18	Dai	ly Tota									<u> </u>					-		- 1410	Jas v	-	Jas	- 1\u.u

Well Total



Well Name: JONAH 8-14-9-16

Report Date: 7/8/10

Cum. DWR: \$48,524

П	Code	Description	Comments	Daily	Cum.
П	891101	Base / Field Office Operations		\$0	\$0
	891102	Cased Hole Electric Wireline	Perforators \$1550, EXPRO \$10400	\$11,950	\$11,950
Į Į	891103	Casing Crews & Running Tools - Casing &		\$0	\$0
	891105	Cementing		\$0	\$0
l l	891106	Chemical Treatment - Surface		\$0	\$0
H	891107	Chemical Treatment - Subsurface		\$0	\$0
	891108	Coiled Tubing Units		\$0	\$0
	891109 891110	Consultanta		\$0	\$0
ŀĺ	891110 891111	Consultants Core / Fluid Analysis		\$0	\$0
	891113	Directional Drilling Operations		\$0 \$0	\$0 *0
	891115	Engineering - Process		\$0	\$0 \$0
H	891116	Engineering - Structural		\$0	\$0 \$0
Н	891117	Environment & Safety		\$0	\$0
П	891118	Filtration		\$0	\$0
П	891119	Fishing Operations	RBS	\$14,285	\$17,520
	891120	Fluid Disposal		\$0	\$500
	891121	Formation Evaluation		\$0	\$0
۱ ۱	891122	Formation Stimulation - Fracturing		\$0	\$0
	891123	Formation Stimulation - Other		\$0	\$0
	891125 891127	Hanger - Liner		\$0	\$0
H	891127 891128	Hookup Services Hot Oiling Services		\$0	\$0 \$0.04.5
	891129	Inspection - Bottom Hole Assembly		\$0	\$2,315
l	891130	Inspection - Casing		\$0°	\$0 \$0
IJ	891131	Inspection - Drill Pipe		\$0 \$0	\$0
H	891132	Inspection - Site		\$0	\$0
	891133	Inspection - Tubing		\$0	\$0
H	891135	Installation / Removal - Pipeline		\$0	\$0
	891138	Instrumentation		\$0	\$0
	891139	Labor - Company Supervision	Aaron Manning	\$300	\$900
ا ا	891140	Labor - Company Employees		\$0	\$0
	891141	Labor - Contract Employees		\$0	\$0
ध्रु	891143 891144	Location Preparation Location Remediation & Maintenance	· · · · · · · · · · · · · · · · · · ·	\$0	\$0
Ő	891144 891145	Measurement		\$0	\$0
9	891146	Miscellaneous Services -		\$0 \$0	\$0 \$0
angible Costs	891147	Mud Logging Services		\$0	\$0 \$0
ä	891148	Nitrogen Services		\$0	\$0 \$0
Int	891149	Project Management	7.14	\$0	\$0 \$0
	891150	Rig Costs - Dayrate	WWS #3 \$5106, RBS \$650	\$5,706	\$12,664
Į Į	891153	Rig Mob & Demob		\$0	\$0
	891155	Slickline Services		\$0	\$0
Į Į	891156	Survey - Location		\$0	\$0
IJ	891157 891158	Survey - Well		\$0	\$0
H	891158 891159	Testing - Tubing Testing - Well & Well Flowback		\$0	\$0
11	891160	Testing - Well Control Equipment		\$0	\$0
	891162	Transportation - Land		\$0 \$0	\$0 \$875
[]	891164	Transportation - Fuel		\$0	\$875 \$0
	891165	Tubular Conveyed Perforating & Drill Stem		\$0	\$0 \$0
l l	891166	Welding		\$0	\$0
l [891304	Completion Fluids		\$0	\$1,800
IJ	891306	Condensate		\$0	\$0
ı l	891307	Cranes		\$0	\$0
	891311	Electrical		\$0	\$0
	891312 891313	Facilities - Processing Fuel - Rigs / Lease (Delivered)		\$0	\$0
	891314	Fuel Gas (Produced)		\$0	\$0
ļ [891315	Fuel Gas System		\$0 \$0	\$0 \$0
	891324	Living Quarters		\$0 \$0	\$0 \$0
l l	891325	Lost in Hole		\$0	\$0 \$0
	891329	Mud - Drilling		\$0	\$0
ΙÍ	891330	Mud Monitoring & Processing		\$0	\$0
	891341	Stabilizer, Under Reamer, Hole Opener		\$0	\$0
	891348	Utility Systems - RENTAL GENERATOR		\$0	\$0
Į Į	891350	Water		\$0	\$0
	891501	Insurance		\$0	\$0
l l	891502 891503	Land Owner Fees		\$0	\$0
	891503 891511	Legal Fees Regulatory Compliance		\$0	\$0
l l	891963	Contingency		\$0 \$0	\$0
	891965	Overhead	<u> </u>	\$0 \$0	\$0 \$0
Н	30.000	1	Total Intangible	\$32,241	\$48,524
			1	TV~,&TI	+-0,024



Well Name: JONAH 8-14-9-16

Report Date: 7/8/10 Cum. DWR: \$48,524

ł	891301 891302	Bits Blow Out Preventors		\$0 \$0	\$0 \$0
ı	891305	Compressors		\$0	\$0
Ī	891310	Drill String		\$0	\$0
[891316	Gas Lift Manifold		\$0	\$0
	891318	Generators		\$0	\$0
	891328	Miscellaneous Surface Equipment		\$0	\$0
L	891335	Pipeline / Flowline		\$0	\$0
ı	891336	Pumps		\$0	\$0
l	891337	Safety Equipment		\$0	\$0
	891338	Safety Systems		\$0	\$0
ı	891339	Salvage		\$0	\$0
	891342	Startup Material / Stock		\$0	\$0
3	891343	Structural Repairs / Major Surface Equipment		\$0	\$0
3	891345	Tanks		\$0	\$0
J	891346	Tools & Supplies		\$0	\$0
	891349	Vapor Recovery System		\$0	\$0
langine costs	891351	Water Handling Equipment		\$0	\$0
1	891601	Artificial Lift		\$0	\$0
ļ	891602	Casing Accessories		\$0	\$0
ŀ	891603	Miscellaneous Subsurface Equipment		\$0	\$0
١	891604	Packers & Liner Hangers		\$0	\$0
ŀ	891607	Pipe - Conductor Casing		\$0	\$0
ŀ	891608	Pipe - Surface Casing		\$0	\$0
ł	891609 891610	Pipe - Intermediate Casing Pipe - Production Casing		\$0	\$0
ŀ	891611	Pipe - Casing Liners		\$0	\$0
ŀ	891612	Pipe - Casing Liners Pipe - Tieback Casing		\$0	\$0
ł	891613	Pipe - Tubing		\$0 \$0	\$0 \$0
ł	891614	Rods		\$0	\$0 \$0
Ì	891615	Safety Valves		\$0	\$0 \$0
İ	891616	Tubing Accessories		\$0	\$0
	891617	Wellhead		\$0	\$0
			Total Tangible	\$0	\$0
			Total Daily Costs	\$32,241	\$48,524

									
NEW	VFIELD)	_				Well Nan	ne: JONAH 8-14-9-16	
	$I_{\mathcal{F}}$		Da	aily Worko	ver Rep	ort	A	E: 22242	
300	We the second				_		Report Da	te: 7/9/10	
ROCKY	MOUNTAINS	s \Box		MAJW	/KO				
Field:		CMBU CTDS		III/AO I				on: Drill out cement	
	-	GMBU CTB5	-		Rig Name:		WWS #3	Work Performed:	7/8/2010
Location: County:	•	S14 T9S R16E	<u> </u>		Supervisor		Aaron Manning	Day:	4
State:		UT	**		Phone: Email:		435- 823-1087 anning@newfield.co	Daily Cost:	\$14,245
	r Workover:	Workover			Liliali.	anna	ining@newneid.co	on Cum DVVK:	\$62,769
24 Hr		H & jar rest of fi	sh loose						74
Summary:	out on tog, 11		311 10000						
24 Hr Plan	Clean out cerr	nent to +/- 1092			·				
Forward:									
Incidents:	None		N	ewfield Pers:	3 C	ontract Pers:	10	Conditions:	
					Critical Con		10	Conditions.	
					Citada: Con				
0 Hr/s) - B	. Contin	TOOH CT	D ryagh array	nine DII c m	Activity Sur	nmary		5	
cut tba @	1070'. RD	WLT. TOOH	wasn over w/tba & LD	pipe. PU & T	IH W/ OVER	snot and to	g. Latch onto	o fish @ 952'. RU WL'	r. RIH w/ WL &
intensifie	er, X-over s	sub & 2 7/8"	tbg. Stac	k out @ 1039'.	TOOH w/ t	ba. TIH w/	4 3/4" chomp	bit. bit sub & 2 7/8	tha RII nower
swivel. C	Clean out to	1070 ' . Ci	rculate wel	l clean. TOOH	w/ tba & I	D BHA. TIH	w/ fishing B	IA & thg. Tatch onto	fish @ 1070'
Jar on fis	sh twice and	free tbg.	Drag fish	up hole 21' th tal fish POOH	en came fre	e. TOOH w/	tbg. LD fish	(22.08'). PU & TIH	w/ 4 3/4" chomp
bic, jars	& 30- jts 2	7/8" tbg.	SWIEN. TO	tal fish POOH	1092.781.				
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Failure 1						* 1977			127177 Pro 1996
Failure 2				A STANSON					
Failure 3									
Failure 4					Transaction in			12-97-12-77-77	
Failure 5				4					
Contr. Fact	tors								V A P

Location

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l	1	1/2					Daily	· Wor	kove	r Re	port				Rep	oort I	Date:	7/9/1	10		
ı	DOCK		i th tees	ENIC			•				•						WR:				
ı	ROCKY	MU	UNIA	INS					Upd.		Y		-			uiii L	JVVIC.	φOZ,	709		
	Туре	Size	Wght	Grade	Conn	Тор	Bottom	PBTD	PBTD	тос	Burst	Collap	se	ID	Drift	Can	acity	Comn	nents		
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	Production	5 1/2"	15.5	J-55	STL		5689	5635		2,566'											
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ı	Compo	nent	Jts	Size	Wght	Grade	Conn	Length	Тор	Btm	Condi	tion T	ranse	frerd F	rom Co	mment	ts				
L	KB																				
ı	Tubing		###	2-7/8"	6.5		8 RND EUE			5,011'											
ı	Tubing And	hor	1	5 1/2"			8 RND EUE		5010.6												
ı	Tubing	1-	2	2-7/8"	6.5		8 RND EUE		5013.4												
ı	Seating Nip	ppie	2	2-7/8"	0.5		8 RND EUE		5075.9												
ı	Notched Co	ollar	1	2-7/8" 2-7/8"	6.5		8 RND EUE 8 RND EUE		5077.0												
2	NOLCHEG CO	Jilai	<u>'</u>	2110			6 KND EUE	0.4	5139.5	5,140'	 										
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	1		Pony R			Norris 54	22 8	22	30											0	
	1		Guided			D(API)	25	30	55									SPN	A		
	97		Guided			Norris 54	2425	55	2480									JOP II	·	0	
	97		Guided	T		D(API)	2425	2480	4905												
	4		Guided		3/4"	Norris 54	100	4905	5005									Wel	on Prod	. Dat	e/Time
	4		Sinker i	Bar	1 1/2"	C(API)	100	5005	5105												
	<u> </u>																	Wel	l on Pum	p Da	:e/Time
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Rod Detail																		+			
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	Pump Note		<u> </u>	<u>-</u>			L	L		L								Щ.			
	Pump Unit		ntion																		
	Motor Size		puoiti			0	Motor	r Descr.:	Т												
			р Туре			Max			unger Siz	:0	T E	Bbl Lng			Ext	Lng		E	ct Lng 2	Г	Description
			t Pump			2.			1.5			16'		1		0'		 	0'	_	
×	psi, 64	ls, bbls, ı		TP	СР		Chok	e	Oil Vo	1		Oil Rate		1 7	Vater Vo		Water	Rate	Gas V	J 1	Gas Rate
wback	Dai	ly Tota												1							

Well Total



Well Name: JONAH 8-14-9-16
Report Date: 7/9/10
Cum. DWR: \$62,769

	Code	Description	Comments	Daily	Cum.
П	891101	Base / Field Office Operations		\$0	\$0
	891102	Cased Hole Electric Wireline		\$0	\$11,950
[891103	Casing Crews & Running Tools - Casing &		\$0	\$0
	891105 891106	Cementing Chemical Treatment - Surface		\$0 \$0	\$0
	891107	Chemical Treatment - Surface Chemical Treatment - Subsurface		\$0 \$0	\$0 \$0
1 t	891108	Coiled Tubing Units		\$0	\$0 \$0
ιt	891109	Communications		\$0	\$0
[891110	Consultants		\$0	\$0
-	891111	Core / Fluid Analysis		\$0	\$0
F	891113 891115	Directional Drilling Operations		\$0	\$0
 	891116	Engineering - Process Engineering - Structural		\$0 \$0	\$0 \$0
ŀ	891117	Environment & Safety		\$0 \$0	\$0 \$0
t	891118	Filtration		\$0	\$0
[891119	Fishing Operations	RBS	\$8,140	\$25,660
	891120	Fluid Disposal		\$0	\$500
[891121	Formation Evaluation		\$0	\$0
H	891122 891123	Formation Stimulation - Fracturing Formation Stimulation - Other		\$0 \$0	\$0 \$0
j t	891125	Hanger - Liner		\$0 \$0	\$0 \$0
t	891127	Hookup Services		\$0	\$0 \$0
[891128	Hot Oiling Services		\$0	\$2,315
[891129	Inspection - Bottom Hole Assembly		\$0	\$0
	891130	Inspection - Casing		\$0	\$0
	891131 891132	Inspection - Drill Pipe Inspection - Site		\$0 \$0	\$0 \$0
H	891133	Inspection - Site		\$0 \$0	\$0 \$0
t	891135	Installation / Removal - Pipeline		\$0 \$0	\$0 \$0
l t	891138	Instrumentation		\$0 \$0	\$0
[891139	Labor - Company Supervision	Aaron Manning	\$300	\$1,200
l L	891140	Labor - Company Employees		\$ 0	\$0
╽┈┠	891141 891143	Labor - Contract Employees Location Preparation		\$0	\$0
딿	891143	Location Preparation Location Remediation & Maintenance		\$0 \$0	\$0 \$0
않	891145	Measurement		\$0 \$0	\$0 \$0
읗	891146	Miscellaneous Services -		\$0	\$0 \$0
angible Costs	891147	Mud Logging Services		\$0	\$0
Inta	891148	Nitrogen Services		\$0	\$0
ſŤŀ	891149 891150	Project Management Rig Costs - Dayrate	MANS #3 \$4555 DRS DS \$650	\$0 \$5.305	\$0 \$17.860
	891153	Rig Mob & Demob	WWS #3 \$4555, RBS PS \$650	\$5,205 \$0	\$17,869 \$0
t	891155	Slickline Services		\$0 \$0	\$0 \$0
[891156	Survey - Location		\$0	\$0
	891157	Survey - Well		\$0	\$0
	891158 891159	Testing - Tubing		\$0	\$0
H	891160	Testing - Well & Well Flowback Testing - Well Control Equipment		\$0 \$0	\$0 \$0
t	891162	Transportation - Land	NPC	\$0 \$600	\$0 \$1,475
	891164	Transportation - Fuel		\$000	\$1,475
[891165	Tubular Conveyed Perforating & Drill Stem		\$0	\$0
	891166	Welding		\$0	\$0
F	891304 891306	Completion Fluids Condensate		\$0 \$0	\$1,800
H	891307	Cranes		\$0 \$0	\$0 \$0
t	891311	Electrical		\$0 \$0	\$0
1 t	891312	Facilities - Processing		\$0	\$0
[891313	Fuel - Rigs / Lease (Delivered)		\$0	\$0
	891314	Fuel Gas (Produced)		\$0	\$0
 	891315 891324	Fuel Gas System Living Quarters		\$0 \$0	\$0 \$0
	891325	Lost in Hole		\$0 \$0	\$0 \$0
t	891329	Mud - Drilling		\$0 \$0	\$0 \$0
T	891330	Mud Monitoring & Processing		\$0	\$0
[891341	Stabilizer, Under Reamer, Hole Opener		\$0	\$0
	891348	Utility Systems - RENTAL GENERATOR		\$0	\$0
 	891350 891501	Water Insurance	, , , , , , , , , , , , , , , , , , , ,	\$0 \$0	\$0 \$0
 	891502	Land Owner Fees		\$0 \$0	\$0 \$0
t	891503	Legal Fees	7.1	\$0	\$0
	891511	Regulatory Compliance		\$0	\$0
] [891963	Contingency		\$0	\$0
Ц	891965	Overhead		\$0	\$0_
<u></u>			Total Intangible	\$14,245	\$62,769



Well Name: JONAH 8-14-9-16

Report Date: 7/9/10
Cum. DWR: \$62,769

Т	891301	Bits		\$0	\$0
ŀ	891302	Blow Out Preventors		\$0	\$0 \$0
ŀ	891305	Compressors		\$0	\$0 \$0
ŀ	891310	Drill String		\$0	\$0
t	891316	Gas Lift Manifold		\$0	\$0
ŀ	891318	Generators		\$0	\$0 \$0
ŀ	891328	Miscellaneous Surface Equipment		\$0	\$0 \$0
ŀ	891335	Pipeline / Flowline		\$0	\$0 \$0
ŀ	891336	Pumps		\$0	\$0 \$0
ŀ	891337	Safety Equipment		\$0	\$0 \$0
l	891338	Safety Systems		\$0	\$0 \$0
Ì	891339	Salvage		\$0	\$0
l	891342	Startup Material / Stock		\$0	\$0
ŀ	891343	Structural Repairs / Major Surface Equipment		\$0	\$0
t	891345	Tanks		\$0	\$0
l	891346	Tools & Supplies		\$0	\$0 \$0
Ì	891349	Vapor Recovery System		\$0	\$0
	891351	Water Handling Equipment		\$0	\$0
Ì	891601	Artificial Lift		\$0	\$0
ľ	891602	Casing Accessories		\$0	\$0
ľ	891603	Miscellaneous Subsurface Equipment		\$0	\$0
ľ	891604	Packers & Liner Hangers		\$0	\$0
I	891607	Pipe - Conductor Casing		\$0	\$0
L	891608	Pipe - Surface Casing		\$0	\$0
L	891609	Pipe - Intermediate Casing		\$0	\$0
Ļ	891610	Pipe - Production Casing		\$0	\$0
ŀ	891611	Pipe - Casing Liners		\$0	\$0
ŀ	891612	Pipe - Tieback Casing		\$0	\$0
ŀ	891613	Pipe - Tubing		\$0	\$0
ŀ	891614 891615	Rods Sefet: Valves		\$0	\$0
ŀ	891616	Safety Valves Tubing Accessories		\$0	\$0
ŀ	891617	Wellhead		\$0 \$0	\$0 \$0
L,	301017	Tromised	Total Tangible	\$0 \$0	\$0 \$0
			Total Daily Costs	\$14,245	\$62,76

NEW	VFIELD					Well Name:	JONAH 8-1	4-9-16	•		
, management a		D	Daily Workover Report				AFE: 22242 Report Date: 7/9/10				
ROCKY:	MOUNTAINS		MAJWKO			1	Wait on ded	cision			
Field:		МВИ СТВ5		Rig Name:		WWS #3	Work Perform		7/9/2010		
Location:		14 T9S R16E		Supervisor:		ron Manning	Day:		5		
County: State:	<u>D</u> U	UCHESNE T		Phone: Email:		5- 823-1087 g@newfield.com	Daily Cost: Cum DWR:		\$8,425 \$71,194		
	or Workover: V	<i>l</i> orkover				J					
24 Hr	Clean out cemer	t. TOOH & LD tbg & BHA	Run CBL								
Summary: 24 Hr Plan	Wait on decision					··········					
Forward:											
Incidents:	None		lewfield Pers:	1 Contract	Pers:	10	Conditions:				
Ionah I A 14	-9-16 enters into v	velibore @ 1002	***************************************	Critical Comments							
Jonan LA-14-	-9- 10 enters milo v	AGIIDOLE (M. 1992									
				Activity Summary			<u> </u>				
O Hr(s); P	Continue	TIH w/ 4 3/4" chom	bit, & BHA.	Tag fill @ 1072'.	RU pow	er swivel. C	lean out 20'	of fill to 1	092'.		
Circulate	well clean.	TOOH LD tbg & BHA.	ллн w/ 1.9" t	pg. LD tbg. RU W	LT. Run	CBL. RD WLT.	. ND BOPs.	NU wellhead.	RDMOSU.□		
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Failure Dat	ha I			Failures	g Rodre I New		e-17/03/2/850/17/1988A8 80				
Failure 1									erran ()		
Failure 2											
Failure 3											
Failure 4											
Failure 5 Contr. Fact	tors										
Location	200										
		The second secon		and the second of the second second of the s	9.5555.844	Annual Company of the	Commercial and the Commercial Section (Section 2011).	Control of the service of the servic	and the representation of States		

,												JONAH 8-14-9-16										
	71	W.					Daily	Wo	rkove	r Re	port					eport						
	ROCKY	/ MO	UNTA	INS				,								Cum I	DWR:	\$71,	194			
	Туре	Size	Wght	Grade	Conn	Тор	Bottom	PBTD	Upd. PBTD	тос	Burst	Colla	pse	ID	Drif	t Ca	pacity	Comr	nents			
	Surface	8 5/8"	24	J-55	STC		304						•									
	Production	5 1/2"	15.5	J-55	STL		5689	5635	1993.0	2,566'												
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l	Compos KB	nent	Jts	Size	Wght	Grade	Conn	Length 1992.0	Top 0.0	Btm 1,992'	Condi	tion	Tran	sefrerd	From	Commen	ts					
l	Tubing		###	2-7/8"	6.5	M-50	8 RND EUE			5,910'												
l	Tubing And	hor	1	5 1/2"			8 RND EUE			5,913'												
ì	Tubing		2	2-7/8"	6.5		8 RND EUE			5,975'												
	Seating Nip	ople	1	2-7/8"	0.5		8 RND EUE		5975.1						-							
	Tubing Notched Co	ollar	2	2-7/8" 2-7/8"	6.5		8 RND EUE 8 RND EUE		5976.2 6038.7	6,039' 6,039'	<u> </u>		_									
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	4		Sinker			C(API)	100	3855 3955										SPI	М)	
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	Pump Unit	Descri	iption:																			
	Motor Size		р Туре			0 Max		Descr.:			T	3L1 ***										
			t Pump		+	wax 2.			lunger Siz 1.5	.4	 	3 bl Ln g 16'	-			xt Lng		+ E	xt Lng 2	+	Descri	ption
¥	psi. 64	s, bbis, i		TP	СР	2.	Chok	-	Oil Vo	i	-	Oil Rate	<u> </u>		Water	O' Vol	Water	Rate	0' Gas V	<u> </u>	Gan	Rate
wback		ly Tota									<u> </u>		-								343	

Well Total



Well Name: JONAH 8-14-9-16
Report Date: 7/9/10
Cum. DWR: \$71,194

	Code	Description	Comments	Daily	Cum.
П	891101	Base / Field Office Operations		\$0	\$0
ΙĹ	891102	Cased Hole Electric Wireline		\$0	\$11,950
1 L	891103	Casing Crews & Running Tools - Casing &		\$0	\$0
-	891105 891106	Cementing Chemical Treatment - Surface		\$0	\$0
H	891106	Chemical Treatment - Surface Chemical Treatment - Subsurface		\$0 \$0	\$0 \$0
1	891108	Coiled Tubing Units		\$0 \$0	\$0 \$0
1	891109	Communications		\$0	\$0
1 E	891110	Consultants		\$0	\$0
ĮĹ	891111	Core / Fluid Analysis		\$0	\$0
-	891113	Directional Drilling Operations		\$0	\$0
1 }	891115 891116	Engineering - Process Engineering - Structural		\$0	\$0
 -	891117	Environment & Safety		\$0 \$0	\$0 \$0
lŀ	891118	Filtration		\$0 \$0	\$0 \$0
-	891119	Fishing Operations	RBS	\$3,870	\$29,530
ΙĹ	891120	Fluid Disposal		\$0	\$500
	891121	Formation Evaluation		\$0	\$0
-	891122	Formation Stimulation - Fracturing		\$0	\$0
╽┝	891123 891125	Formation Stimulation - Other Hanger - Liner		\$0	\$0
	891125	Hookup Services		\$0 \$0	\$0 \$0
1 H	891128	Hot Oiling Services		\$0 \$0	\$0 \$2,315
1 h	891129	Inspection - Bottom Hole Assembly		\$0	\$0
	891130	Inspection - Casing		\$0	\$0
	891131	Inspection - Drill Pipe		\$0	\$0
-	891132	Inspection - Site		\$0	\$0
F	891133 891135	Inspection - Tubing Installation / Removal - Pipeline		\$0	\$0
1 F	891138	Instrumentation		\$0 \$0	\$0 \$0
1 F	891139	Labor - Company Supervision	Aaron Manning	\$0 \$0	\$0 \$1,200
	891140	Labor - Company Employees		\$0	\$0
ΙŒ	891141	Labor - Contract Employees		\$0	\$0
िश	891143	Location Preparation		\$0	\$0
<u> </u> 8 -	891144 891145	Location Remediation & Maintenance Measurement		\$0	\$0
اقِ	891145 891146	Miscellaneous Services -	Knight oil tools	\$0	\$0
angible Costs	891147	Mud Logging Services	Trangitt on tools	\$1,000 \$0	\$1,000 \$0
ᄪ	891148	Nitrogen Services		\$0	\$0 \$0
빤	891149	Project Management		\$0	\$0
L	891150	Rig Costs - Dayrate	WWS #3 \$2573, RBS PS \$650	\$3,223	\$21,092
-	891153 891155	Rig Mob & Demob Slickline Services		\$0	\$0
1 H	891156	Survey - Location		\$0 \$0	\$0 \$0
	891157	Survey - Well		\$0	\$0 \$0
1 t	891158	Testing - Tubing		\$0	\$0 \$0
1 [891159	Testing - Well & Well Flowback		\$0	\$0
ΙĹ	891160	Testing - Well Control Equipment		\$0	\$0
-	891162	Transportation - Land	NPC	\$600	\$2,075
1 F	891164 891165	Transportation - Fuel Tubular Conveyed Perforating & Drill Stem		\$0	\$0
-	891166	Welding		\$0 \$0	\$0 \$0
1 F	891304	Completion Fluids	RNI	\$1,000	\$2,800
ΙĖ	891306	Condensate		\$0	\$0
[891307	Cranes		\$0	\$0
╽┝	891311	Electrical		\$0	\$0
-	891312 891313	Facilities - Processing Fuel - Rigs / Lease (Delivered)		\$0	\$0
1 1	891314	Fuel Gas (Produced)		\$0 \$0	\$0 \$0
1	891315	Fuel Gas System		\$0	\$0 \$0
	891324	Living Quarters		\$0	\$0
1 E	891325	Lost in Hole		\$0	\$0
1 L	891329	Mud - Drilling		\$0	\$0
-	891330 891341	Mud Monitoring & Processing		\$0	\$0
1 F	891341 891348	Stabilizer, Under Reamer, Hole Opener Utility Systems - RENTAL GENERATOR		\$0 \$0	\$0 \$0
1 F	891350	Water		\$0 \$0	\$0 \$0
-	891501	Insurance		\$0	\$0
	891502	Land Owner Fees		\$0	\$0
1 [891503	Legal Fees		\$0	\$0
L	891511	Regulatory Compliance		\$0	\$0
-	891963	Contingency		\$0	\$0
\vdash	891965	Overhead	Total Intensible	\$0	\$0 \$73.463
<u> </u>			Total Intangible	\$9,693	\$72,462



Well Name: JONAH 8-14-9-16

Report Date: 7/9/10 Cum. DWR: \$71,194

┝┪	891301	Bits		1 \$0	60
	891302	Blow Out Preventors	Weatherford	\$0	\$0
ŀ	891305	Compressors	vveamenord	\$300	\$300
				\$0	\$0
	891310	Drill String		\$0	\$0
ı	891316	Gas Lift Manifold		\$0	\$0
	891318	Generators		\$0	\$0
-	891328	Miscellaneous Surface Equipment		\$0	\$0
ı	891335	Pipeline / Flowline		\$0	\$0
	891336	Pumps		\$0	\$0
١	891337	Safety Equipment		\$0	\$0
١	891338	Safety Systems		\$0	\$0
١	891339	Salvage		\$0	\$0
١	891342	Startup Material / Stock		\$0	\$0
اي	891343	Structural Repairs / Major Surface Equipment		\$0	\$0
S	891345	Tanks		\$0	\$0
ွှု	891346	Tools & Supplies		\$0	\$0
ğ	891349	Vapor Recovery System		\$0	\$0
Tangible Costs	891351	Water Handling Equipment		\$0	\$0
إ≃ٍ	891601	Artificial Lift		\$0	\$0
1	891602	Casing Accessories		\$0	\$0
	891603	Miscellaneous Subsurface Equipment		\$0	\$0
	891604	Packers & Liner Hangers		\$0	\$0
	891607	Pipe - Conductor Casing		\$0	\$0
	891608	Pipe - Surface Casing		\$0	\$0
	891609	Pipe - Intermediate Casing		\$0	\$0
	891610	Pipe - Production Casing		\$0	\$0
1	891611	Pipe - Casing Liners		\$0	\$0
	891612	Pipe - Tieback Casing		\$0	\$0
	891613	Pipe - Tubing	Return 30- jts tbg for inspection	-\$1,568	-\$1,568
	891614	Rods		\$0	\$0
	891615	Safety Valves		\$0	\$0
	891616	Tubing Accessories		\$0	\$0
_	891617	Wellhead		\$0	\$0
			Total Tangible	-\$1,268	-\$1,268
			Total Daily Costs	\$8,425	\$71,194



Duchesne County Planning, Zoning & Community Development 734 North Center Street P.O. Box 317 Duchesne, Utah 84021 (435) 738-1152 Fax (435) 738-5522

August 17, 2010

Mr. Brad Hill, Permitting Manager Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801 RECEIVED AUG 17 2010

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Cause No UIC-367)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert five wells in the Greater Monument Butte Unit, located in Sections 14, 15 and 22, Township 9 South, Range 15 East and Sections 9 and 14 in Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP

Community Development Administrator

pc: Mike Guinn, Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

F:\DATA\PLANNING\MIKE\DOGM Correspondence\Newfield Injection Wells10.doc



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

December 4, 2012

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Jonah Federal 16-14-9-16, Section 14, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32698

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. Water levels, as well as casing and tubing pressures, in both the monitor well, GMBU 8-14T-9-16 (43-013-50880) and the damaged well, Jonah Unit 8-14-9-16 (43-013-32054) shall be checked and recorded on a regular basis. Also, water samples from both wells will be collected and analyzed annually. Any observed changes shall be reported to the Division immediately.
- 6. The top of the injection interval shall be limited to a depth no higher than 3,786 feet in the Jonah Federal 16-14-9-16 well.

December 4, 2012 Jonah Federal 16-14-9-16 Page 2

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

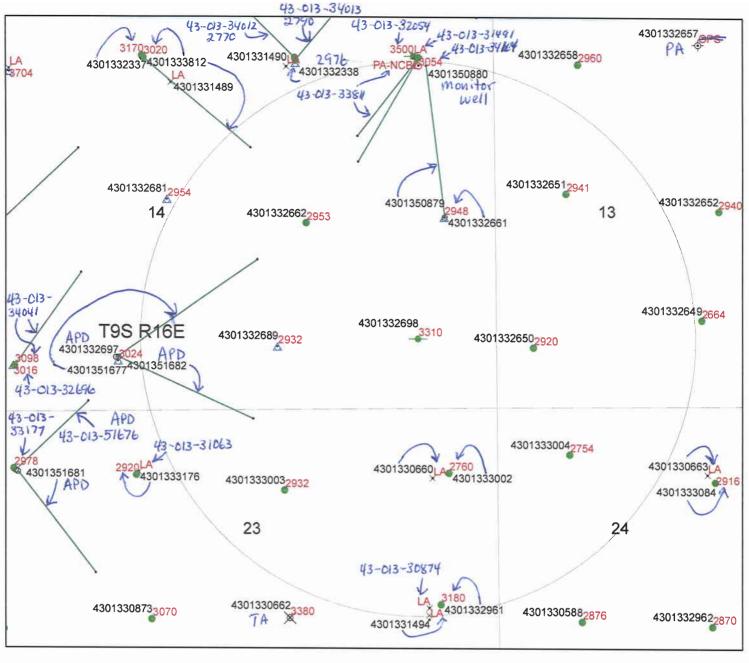
John Rogers

Associate Director

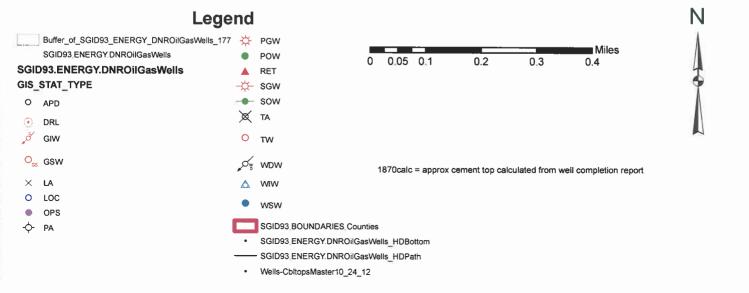
JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Duchesne County Newfield Production Company, Myton Well File

N:\O&G Reviewed Docs\ChronFile\UIC



Cement Bond Tops JONAH FEDERAL 16-14-9-16 API #43-013-32698 UIC 367.3



DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: Newfield Production Company	Well: Jonah Federal 16-14-9-16
Location: 14/9S/15E	API: <u>43-013-32698</u>

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 310 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,804 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,310 feet. A 2 7/8 inch tubing with a packer will be set at 3,992 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revised Statement of Basis (11/30/2012), on the basis of surface locations, there are 7 producing wells, 2 injection wells, and 1 shut-in well (the proposed injection well) in the AOR. In addition, there are 2 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. There also is 1 P/A well with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there are 2 approved surface locations outside the AOR, from which directional wells will be drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement.

The following discussion pertains to all UIC applications for wells located within a 0.5 mile radius of the Jonah Unit 8-14-9-16 well (API# 43-013-32054) or the Jonah Federal LA-14-9-16 well (43-013-34164). The latter of these two wells is directionally drilled, and although the surface location is outside the AOR, the bottom hole location is inside the AOR, approximately 1/3 mile north-northwest of Jonah Federal 16-14 well. In the process of drilling the directional well, Jonah Federal LA-14-9-16 from the existing pad occupied by Jonah Unit 8-14, on 12/25/2008 Newfield accidentally intersected the existing vertical wellbore Jonah Unit 8-14 at a depth of 1,092 feet. An application for conversion of the Jonah Unit 8-14 to a UIC injection (UIC-255.1) well had been previously submitted by Inland Production Company 4/19/2000. A conversion permit was issued 6/15/2000 by DOGM, but an MIT was never done, and an injection permit was never issued. Subsequent to the well collision, which destroyed the wellbore integrity of the Jonah 8-14 well, DOGM denied further consideration of the well as a UIC injection well (memo 11/8/2010). Jonah 8-14 is currently in a temporarily abandoned status. Newfield and DOGM agreed on a plan for monitoring the situation created by the well collision. A monitor

Jonah Federal 16-14-9-16 page 2

well would be drilled and perforated at depths which straddle the depth of the well collision. Casing and tubing pressure gauges would be placed on both the damaged well (Jonah 8-14) and the monitor well. Any changes in pressure or fluid level will be reported immediately to DOGM. In addition, water samples will be taken from each well annually. The monitor well, GMBU 8-14T-9-16 (API# 43-013-50880) was completed 10/10/2012, located approximately 90 feet south-southeast of Jonah 8-14. Prior to completion of the monitor well, it had been necessary to postpone further consideration of the present UIC application.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2100 feet. Injection shall be limited to the interval between 3,786 feet and 5,758 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 16-14-9-16 well is 0.89 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,804 psig. The requested maximum pressure is 1,804 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 11/4/2010 (rev. 11/30/2012)

Sundry Number: 33654 API Well Number: 43013326980000

	STATE OF UTAH		FORM 9		
,	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: JONAH FED 16-14-9-16		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013326980000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		HONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 0758 FEL			COUNTY: DUCHESNE		
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 4 Township: 09.0S Range: 16.0E Meridian:	S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	T, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
The subject well he injection well on 1 State of Utah DOG above listed well. Opsig and charted for injecting during the	□ change to previous plans □ change well status □ deepen □ operator change □ production start or resume □ reperforate current formation □ tubing repair □ water shutoff □ wildcat well determination COMPLETED OPERATIONS. Clearly show all plas been converted from a pro 2/19/2012. On 12/19/2012 Clearly show all plas been converted concerning to 12/20/2012, the casing was 30 minutes with no pressure test. The tubing pressure was a State representative available.	ducing oil well to an hris Jensen with the he initial MIT on the pressured up to 1005 loss. The well was not 240 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: January 07, 2013		
NAME (PLEASE PRINT)	PHONE NUMBER				
Lucy Chavez-Naupoto SIGNATURE	435 646-4874	Water Services Technician DATE			
N/A		1/7/2013			

Sundry Number: 33654 API Well Number: 43013326980000

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

400-0-1			
Witness:	Date 13 / 30 / 13	Time/0:40	am pr
Test Conducted by: EVERET UNRULL			
Others Present:			
		- 4	
Well: JONAH FEDERAL 16-14-9-14	Field: Monu	iment butte	H
	API No: 43	-013-32698	H
Well Location: SESE Sec 14 T95 RIGE	,		
Duchesne, County Ut			
<u>Time</u>	Casing Pressure		
O main	1005	psig	
0 min	1005	psig	
5	1005	psig	
10	1005	psig	
15		psig	
20	1005	psig	
25	1005	psig	
30 min	1005	psig	
35		psig	
40		psig	
45		psig	×
50		psig	
55		psig	
60 min		-	
Tubing processes	240	psig	
Tubing pressure: _			
Result:	Pass	Fail	
	,		5.
Signature of Witness:	0	. /	
Signature of Person Conduc	cting Test: <u> </u>	est ilmul	

Sundry Number: 33654 API Well Number: 43013326980000 6 AM 2250--2000-1750--1500-MIDNIGHT -1250 1000 150-500 Graphic Controls uc 0 CHART NO. MC MP-2500 CHART PUT ON LOCATION JONAH FROCKAL (16.14.9-16 TAKEN OFF 01 009 LOGL Xossi, -0001

1500

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-2000-

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Wd 9

Xooo;

Sundry Number: 33654 API Well Number: 43013326980000

Page 1 of 3 Summary Rig Activity

Daily Activity Report

Format For Sundry JONAH 16-14-9-16 10/1/2012 To 2/28/2013

12/13/2012 Day: 1

Conversion

WWS #3 on 12/13/2012 - MIRUSU, LD rods - MIRUSU, Rd pumping unit. Pump 60bbls down csq, unseat pump w/10000 over string wt, unable to flush. Resent pump soft seat and test to 3500psi. LD 25 guided rods, unable to flush. TOOH w/99 3/4 slk rods, 10 3/4 guided rods6 1-1/2 weight bars. LD pump, x-over to rod equip. ND wellhead unable to release TAC, NU bops Ru floor and the equip. Pump 40 bbls down the work TAC. - MIRUSU, Rd pumping unit. Pump 60bbls down csq, unseat pump w/10000 over string wt, unable to flush. Resent pump soft seat and test to 3500psi. LD 25 guided rods, unable to flush. TOOH w/99 3/4 slk rods, 10 3/4 quided rods6 1-1/2 weight bars. LD pump, x-over to rod equip. ND wellhead unable to release TAC, NU bops Ru floor and tbg equip. Pump 40 bbls down tbg work TAC.

Daily Cost: \$0

Cumulative Cost: \$18,202

12/14/2012 Day: 2

Conversion

WWS #3 on 12/14/2012 - pump 60 bbls down tbg @ 1/2 bbl a min @ 2000 psi ru power swivel work TAC all day flushing down tbg every 3 hrs no progress. free point in AM - Pump 60 BBLS Down TBG @ 1/2 BLS min @ 2000 psi RU nabors PS 1 work TBG 2 hours RO Hot oiler pumped 50 BBLS @ 1/2 bls @ 1500 PSI cant working TBG for # hours pump 60 BBLS @ 1/2 BBLS per min @ 1300PSI cant working TBG untill 4:00 rack out drill equipment free point in the Am CWI @ 4:30. - Pump 60 BBLS Down TBG @ 1/2 BLS min @ 2000 psi RU nabors PS 1 work TBG 2 hours RO Hot oiler pumped 50 BBLS @ 1/2 bls @ 1500 PSI cant working TBG for # hours pump 60 BBLS @ 1/2 BBLS per min @ 1300PSI cant working TBG untill 4:00 rack out drill equipment free point in the Am CWI @ 4:30.

Daily Cost: \$0

Cumulative Cost: \$24,197

12/17/2012 Day: 3

Conversion

WWS #3 on 12/17/2012 - TIH W/ Cem. Cutter Cut TBG @ 5135' RD - Flush TBG W/50 BBLS RU in wire line TIH W/ free point 100% stuck @ 5190' 70% free @5150, 100% Free @ 5140 TOOH W/ free point TIH W/ Cem. Cutter Cut TBG @ 5135' RD, Wire Line, flush tbg W20 BBLS TOOH W159 JTS OUT TIH W/ shoe 8 JTS wast pipe bushing allionce jars 4 Drill collars Intenskier X-over sub 110 JT EOT @3973 RU rig pump + care well.CWI @5:30 - Flush TBG W/50 BBLS RU in wire line TIH W/ free point 100% stuck @ 5190' 70% free @5150, 100% Free @ 5140 TOOH W/ free point TIH W/ Cem. Cutter Cut TBG @ 5135' RD, Wire Line, flush tbg W20 BBLS TOOH W159 JTS OUT TIH W/ shoe 8 JTS wast pipe bushing allionce jars 4 Drill collars Intenskier X-over sub 110 JT EOT @3973 RU rig pump + care well.CWI @5:30

Daily Cost: \$0

Cumulative Cost: \$30,207

12/18/2012 Day: 4

Conversion

WWS #3 on 12/18/2012 - clean out 115' of scale to 5272, cont TIH to tac @ 5347 - Thaw out wellhead cont TIH to 5128 RU nabors power swivel cont PU + TIH Tag fish top @ 5135 swollow fish to in wash pipe cont TIH tag @5157 clean out 115' of scale to 5272,cont TIH to

Sundry Number: 33654 API Well Number: 43013326980000

Summary Rig Activity Page 2 of 3

tac @ 5347 cerc well clean TOOH rack out power swival stand back wash pipe + collars TIH W over shot 4-3 3/4 collars intensifier X-over sub pup JT 118 JTs EOT @ 3969' CWI 5:00 - Thaw out wellhead cont TIH to 5128 RU nabors power swivel cont PU + TIH Tag fish top @ 5135 swollow fish to in wash pipe cont TIH tag @5157 clean out 115' of scale to 5272, cont TIH to tac @ 5347 cerc well clean TOOH rack out power swival stand back wash pipe + collars TIH W over shot 4-3 3/4 collars intensifier X-over sub pup JT 118 JTs EOT @ 3969' CWI 5:00

Daily Cost: \$0

Cumulative Cost: \$58,771

12/19/2012 Day: 5

Conversion

WWS #3 on 12/19/2012 - cont TIH tag fish top @5135 latch on to fish - cont TIH tag fish top @5135 latch on to fish release cont TOOH Breaking + redope every collar total 123 JTS LD 4 Drill collars + Jars Ld 35 JTS BHA TIH W/8 wash pipe LD 8 JTS wash pipe CWI @5:30. - cont TIH tag fish top @5135 latch on to fish release cont TOOH Breaking + redope every collar total 123 JTS LD 4 Drill collars + Jars Ld 35 JTS BHA TIH W/8 wash pipe LD 8 JTS wash pipe CWI @5:30.

Daily Cost: \$0

Cumulative Cost: \$65,076

12/20/2012 Day: 6

Conversion

WWS #3 on 12/20/2012 - TIH , test tbg. Pump PKR fl. Test csg -ck in am. - Put TIH W/ 2 3/8 re-entry Guide, 2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - Put TIH W/ 2 3/8 re-entry Guide, 2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csq up to 1500 psi check in AM, CWI @5:00. - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - Put TIH W/ 2 3/8 re-entry Guide, 2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csq up to 1500 psi check in AM. CWI @5:00. - Put TIH W/ 2 3/8 re-entry Guide, 2 3/8 X-N Nipple 4 X 2 3/8 pop JT 2 7/8 to 2 3/8 X over AS1 pkr on off tool psn + 123JTS wait on hot oiler pump 30bbls did not catch pressure RU SL push Sv to psn pressure test tbg to 3000get good test @2:30, fish Sv ND BOPs land tbg W/B-1 adaptor flange pump 50 bbls fresh water W/ pkr fluid set TAC W/ 15000 tension NU 3k JTS tree pressure csg up to 1500 psi check in AM. CWI @5:00. - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00 - thaw out wellhead check pressure on well 1375, bumped up pressure to 1500 did not loose pressure in 45 minutes, good test. RDMO@ 11:00

Daily Cost: \$0

Cumulative Cost: \$101,974

12/28/2012 Day: 8

Conversion

Sundry Number: 33654 API Well Number: 43013326980000
Summary Rig Activity
Page 3 of 3

Rigless on 12/28/2012 - Conduct initial MIT - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test. - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1005 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was not a State representative available to witness the test.

Daily Cost: \$0

Cumulative Cost: \$193,654

Pertinent Files: Go to File List

Sundry Number: 34018 API Well Number: 43013326980000

	FORM 9						
ı	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547						
SUNDR	RY NOTICES AND REPORTS	ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	posals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
1. TYPE OF WELL Water Injection Well				8. WELL NAME and NUMBER: JONAH FED 16-14-9-16			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY			9. API NUMBER: 43013326980000			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-482		NE NUMBER: t	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 0758 FEL				COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 4 Township: 09.0S Range: 16.0E Merio	dian: S	3	STATE: UTAH			
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA			
TYPE OF SUBMISSION			TYPE OF ACTION				
	ACIDIZE		ALTER CASING	CASING REPAIR			
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME			
Approximate date work will start:	-						
✓ SUBSEQUENT REPORT	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
Date of Work Completion:	DEEPEN	☐ F	FRACTURE TREAT	☐ NEW CONSTRUCTION			
1/21/2013	OPERATOR CHANGE	∐ F	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	F	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	□ v	/ENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	WATER SHUTOFF	□ s	SI TA STATUS EXTENSION	APD EXTENSION			
	WILDCAT WELL DETERMINATION	√ d	OTHER	OTHER: Put on Injection			
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show	v all pe	rtinent details including dates. d	epths. volumes. etc.			
l .	erence well was put on inje-						
	01/21/2013.			Accepted by the Utah Division of			
				Oil, Gas and Mining			
				FOR RECORD ONLY			
				January 24, 2013			
NAME (DI EACE DOINT)	BHOME NUM	DED	TITLE				
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUM 435 646-4874	BEK	TITLE Water Services Technician				
SIGNATURE N/A			DATE 1/22/2013				

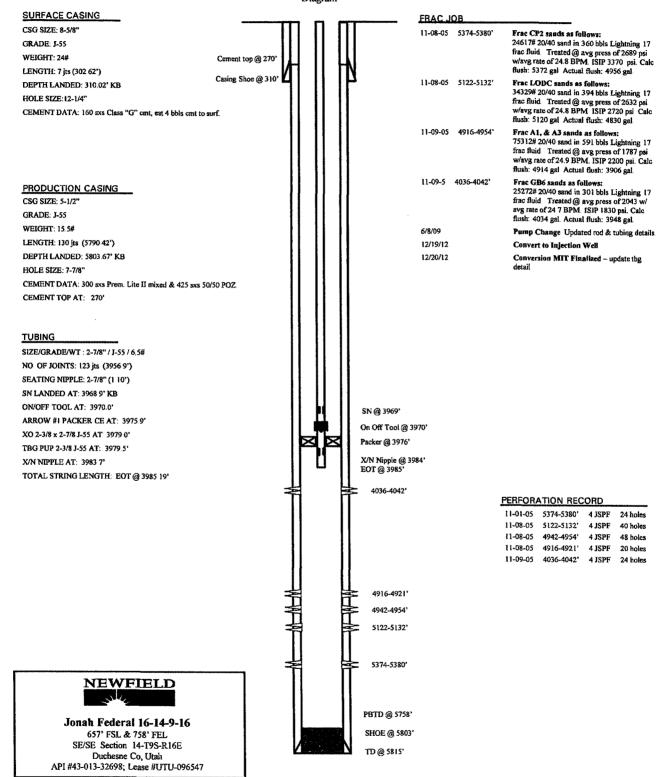
RECEIVED: Jan. 22, 2013

Jonah Federal 16-14-9-16

Spud Date: 10-14-05 Put on Production: 11-14-05

GL: 5626' KB: 5638'

Injection Wellbore Diagram





Governor

GREGORY S. BELL Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-367

Operator:

Newfield Production Company

Well:

Jonah Federal 16-14-9-16

Location:

Section 14, Township 9 South, Range 16 East

County:

Duchesne

API No.:

43-013-32698

Well Type:

Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on December 4, 2012.
- 2. Maximum Allowable Injection Pressure: 1,804 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,786' 5,758')
- Water levels, as well as casing and tubing pressures, in both the monitor well, GMBU 8-14T-9-16 (43-013-50880) and the damaged well, Jonah Unit 8-14-9-16 (43-013-32054) shall be checked and recorded on a regular basis. Also, water samples from both wells will be collected and analyzed annually. Any observed changes shall be reported to the Division immediately
- 6. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

John Rogers

Associate Director

Date

JR/MLR/is

cc: Bruce Suchomel, Environmental Protection Agency

Bureau of Land Management, Vernal

Eric Sundberg, Newfield Production Company, Denver

Newfield Production Company, Myton

Duchesne County

Well File

N:\O&G Reviewed Docs\ChronFile\UIC

